Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096572.D
Acq On : 15 May 2018 9:46
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: May 15 11:48:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	655	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2616	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1568	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3531	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3337	0.40	ng		0.01
34) Perylene-d12	24.33	264	3055	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.86	112	353	0.17	ng		0.00
5) Phenol-d6	7.51	99	499	0.18	ng		0.00
8) Nitrobenzene-d5	9.44	82	62	0.02	ng		-0.09
11) 2-Methylnaphthalene-d10	12.72	152	887	0.21	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	121	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	1407	0.21	ng		0.00
25) Fluoranthene-d10	19.62	212	8641	0.18	ng		0.00
29) Terphenyl-d14	20.18	244	1500	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	195	0.193	ng	#	88
3) n-Nitrosodimethylamine	3.96	42	233	0.188	ng	#	68
6) bis(2-Chloroethyl)ether	7.75	93	484	0.197	ng		92
9) Naphthalene	11.22	128	5745	0.208	ng	#	96
10) Hexachlorobutadiene	11.49	225	330	0.270	ng		98
12) 2-Methylnaphthalene	12.79	142	968	0.212	ng	#	95
16) Acenaphthylene	14.66	152	1603	0.191	ng		99
17) Acenaphthene	14.99	154	1001	0.199	ng		92
18) Fluorene	15.96	166	1251	0.201	ng	#	62
20) 4-Bromophenyl-phenylether	16.82	248	426	0.203	ng	#	66
21) Hexachlorobenzene	16.95	284	475	0.227	ng	#	79
22) Pentachlorophenol	17.31	266	67	0.097	ng		97
23) Phenanthrene	17.67	178	2022	0.204	ng		98
24) Anthracene	17.77	178	1837	0.194	ng	#	95
26) Fluoranthene	19.65	202	2319	0.178	ng	#	97
28) Pyrene	20.00	202	1349	0.205	ng		96
30) Benzo(a)anthracene	21.72	228	2074	0.194	ng		97
31) Chrysene	21.78	228	2211	0.214	ng		96
32) Bis(2-ethylhexyl)phthalate	21.58	149	4313	0.156	ng	#	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	960	0.096	ng	#	71
35) Benzo(b)fluoranthene	23.53	252	1916	0.209	ng	#	91
36) Benzo(k)fluoranthene	23.58	252	2017	0.214	ng	#	88
37) Benzo(a)pyrene	24.21	252	1844	0.209	ng	#	86
38) Dibenzo(a,h)anthracene	27.12	278	1672	0.215	ng	#	88
39) Benzo(g,h,i)perylene	27.97	276	1773	0.216	ng	#	88

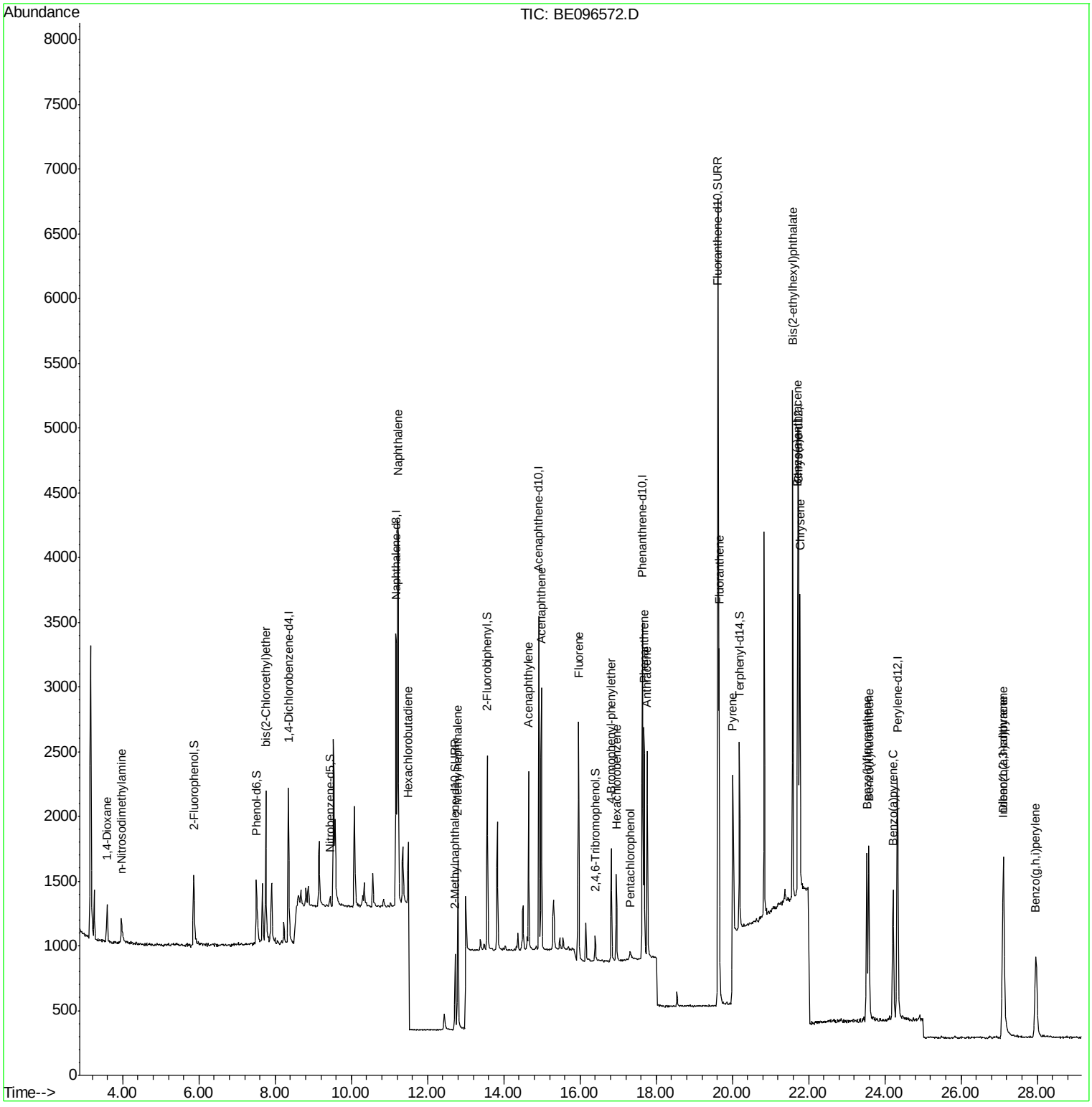
(#) = qualifier out of range (m) = manual integration (+) = signals summed

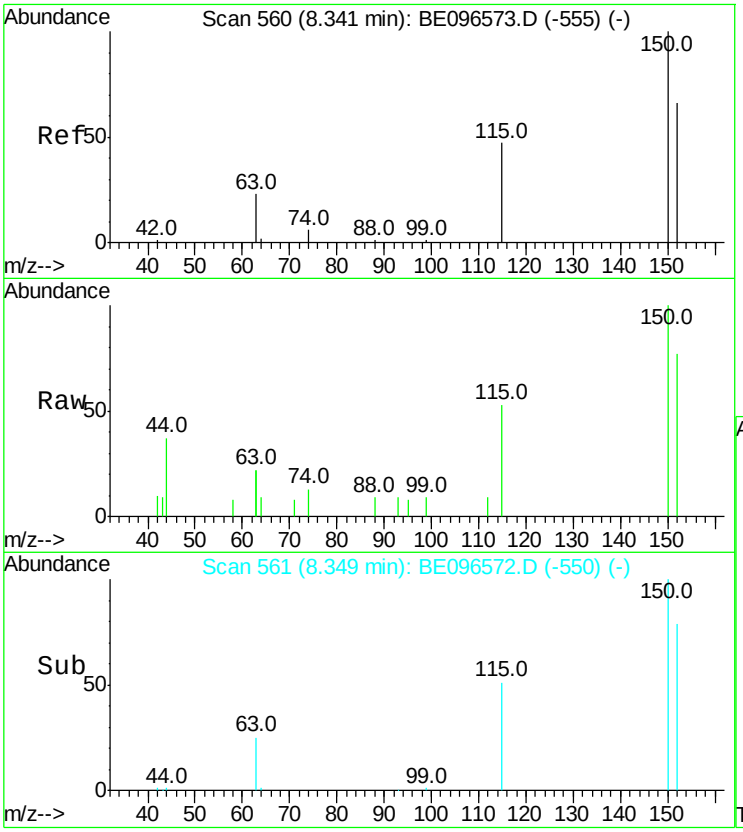
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096572.D
Acq On : 15 May 2018 9:46
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: May 15 11:48:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration



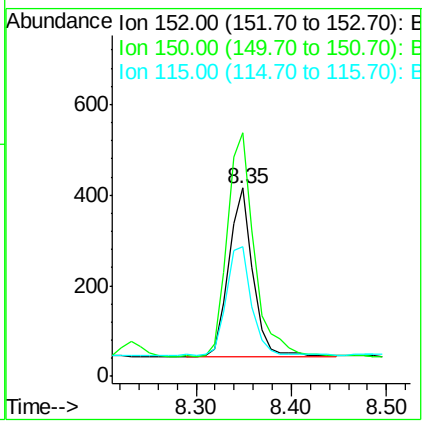


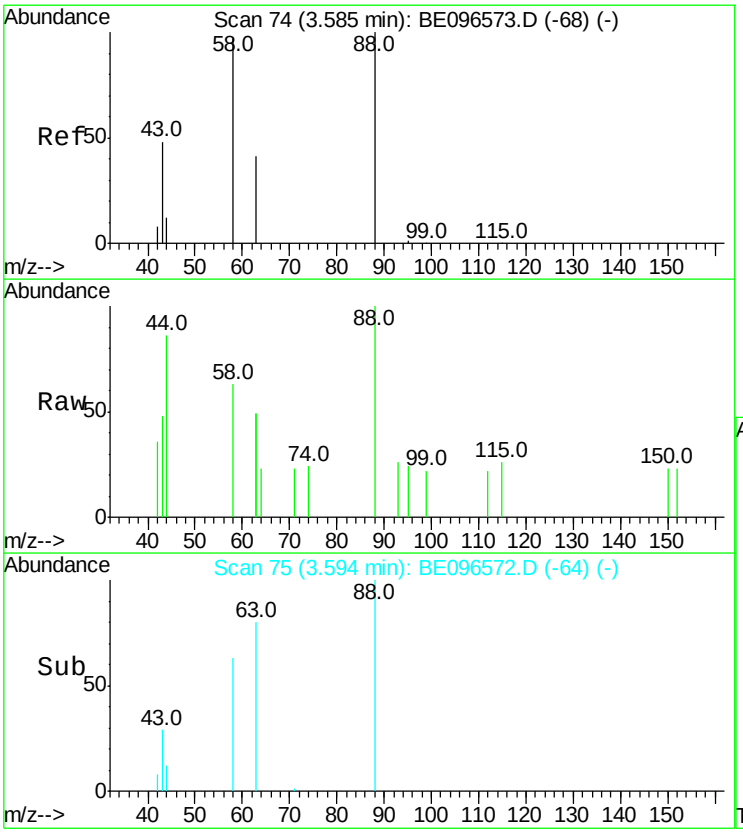
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 655

Ion	Ratio	Lower	Upper
152	100		
150	129.4	117.2	175.8
115	69.2	57.0	85.6

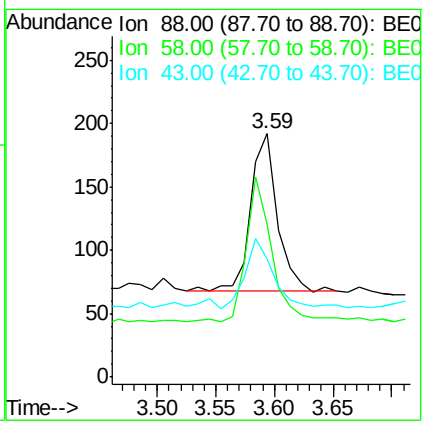


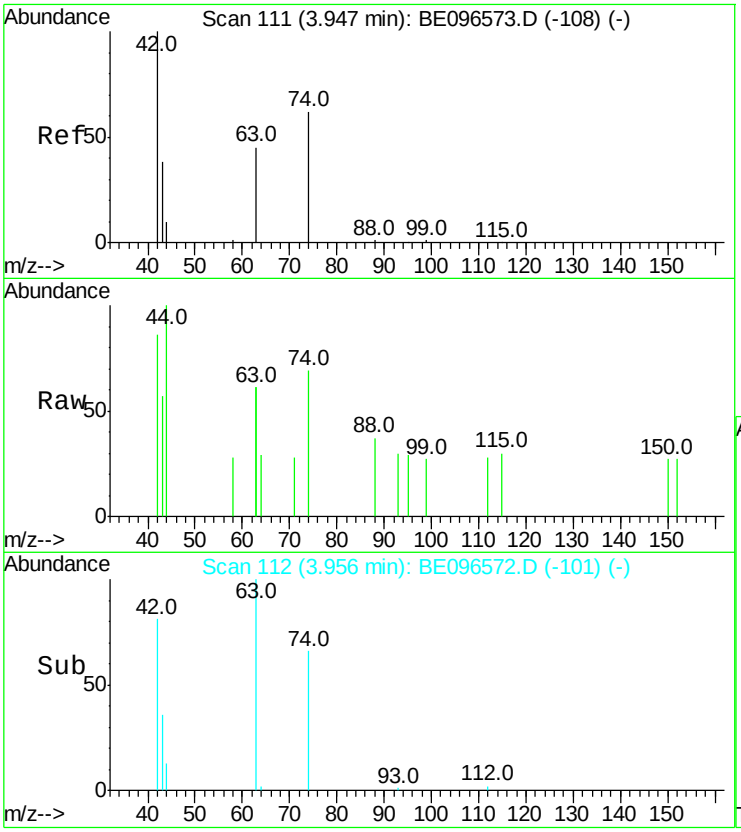


#2
1,4-Dioxane
Concen: 0.193 ng
RT: 3.59 min Scan# 75
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion: 88 Resp: 195

Ion	Ratio	Lower	Upper
88	100		
58	87.7	63.2	94.8
43	40.5	41.2	61.8#



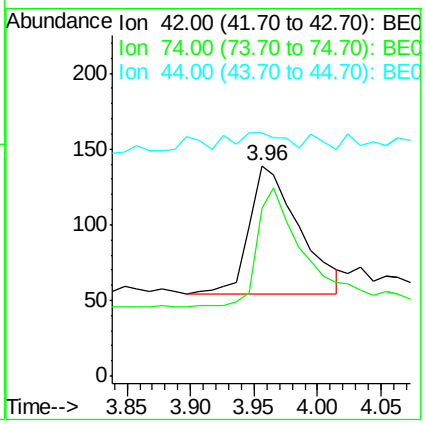


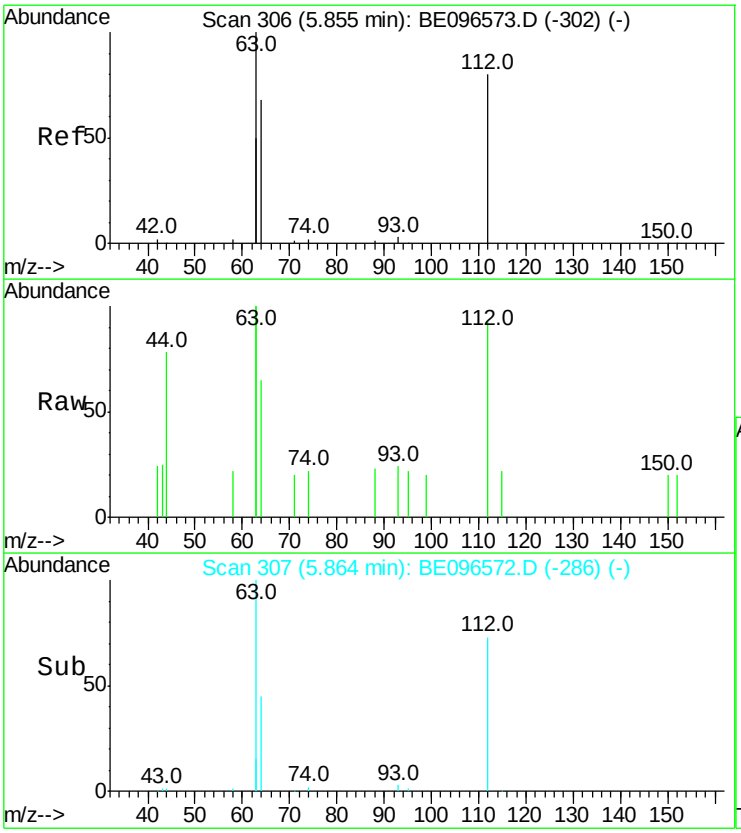
#3
n-Nitrosodimethylamine
Concen: 0.188 ng
RT: 3.96 min Scan# 112
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 233

Ion	Ratio	Lower	Upper
42	100		
74	80.3	96.0	144.0#
44	13.3	12.0	18.0

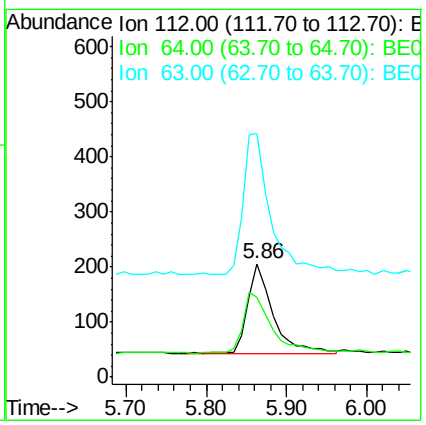


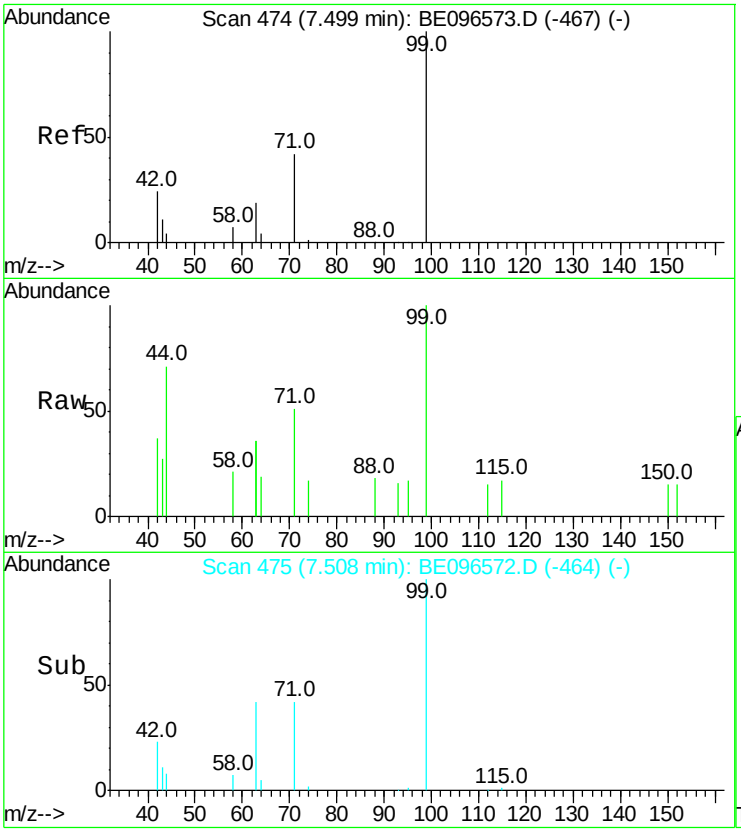


#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.86 min Scan# 307
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:112 Resp: 353

Ion	Ratio	Lower	Upper
112	100		
64	78.8	60.1	90.1
63	177.6	116.8	175.2#



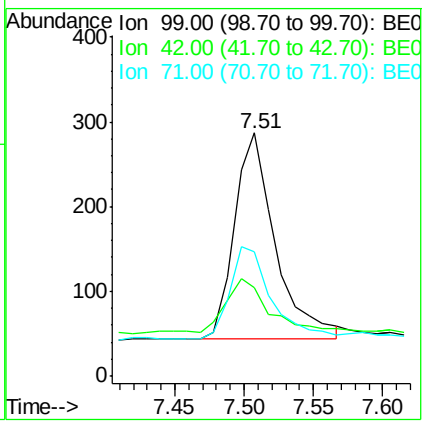


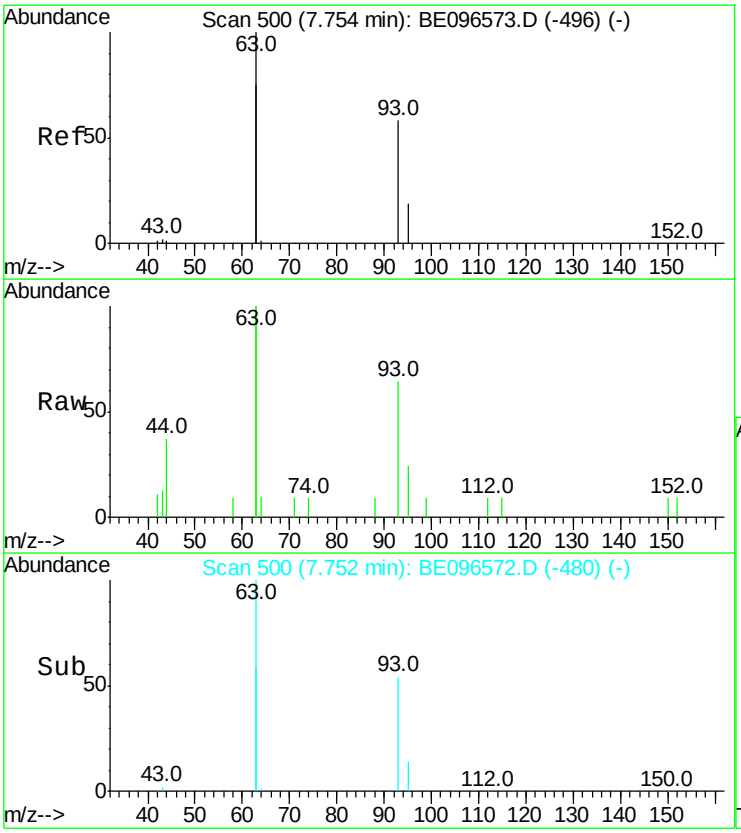
#5
Phenol-d6
Concen: 0.179 ng
RT: 7.51 min Scan# 475
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 499

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.2	30.2
71	45.5	28.4	42.6#

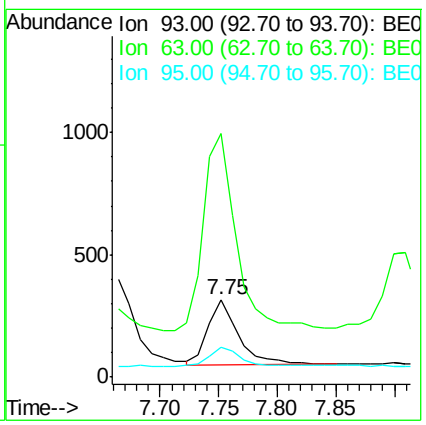


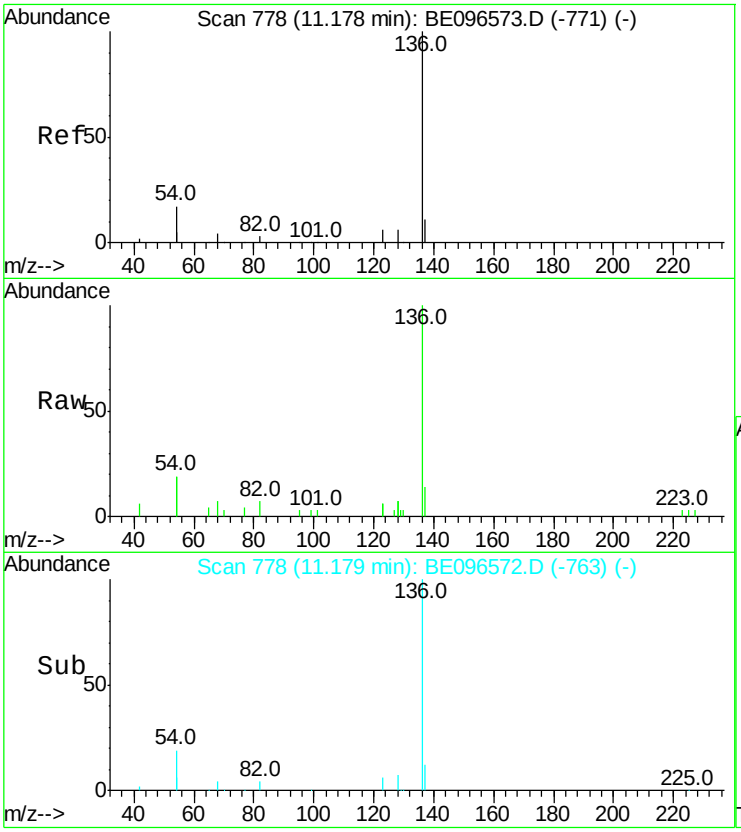


#6
bis(2-Chloroethyl)ether
Concen: 0.197 ng
RT: 7.75 min Scan# 500
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion: 93 Resp: 484

Ion	Ratio	Lower	Upper
93	100		
63	325.6	275.3	412.9
95	30.8	25.2	37.8



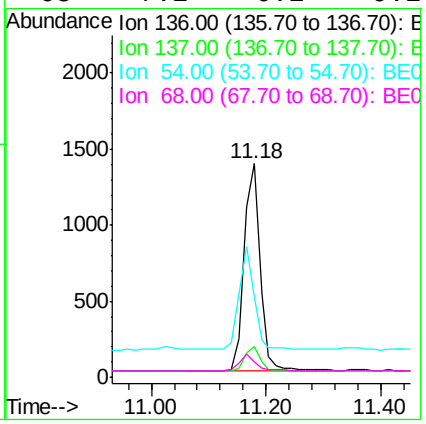


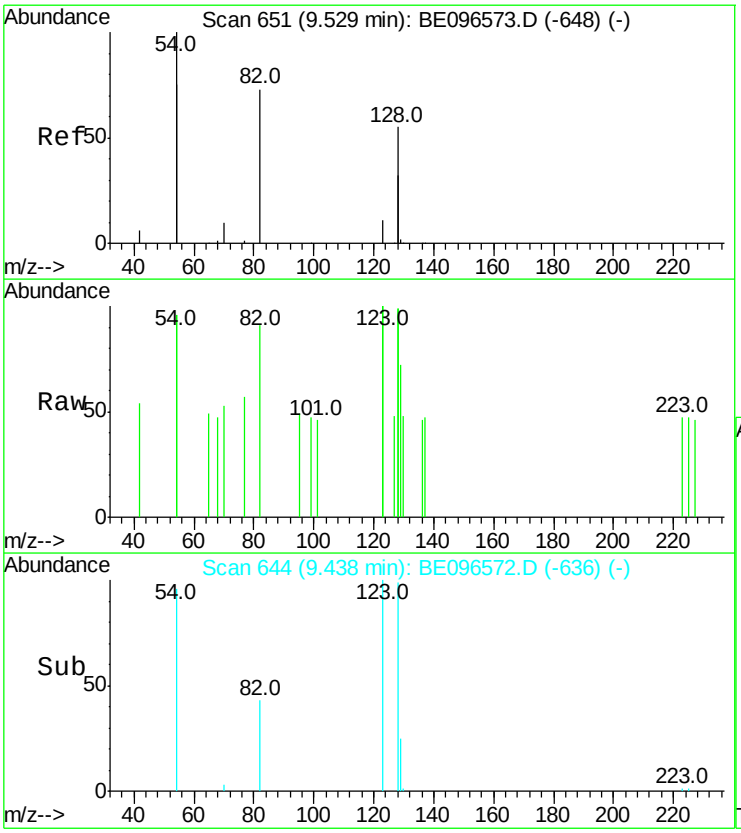
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 2616

Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.5	14.3#
54	37.7	29.1	43.7
68	7.2	6.2	9.2

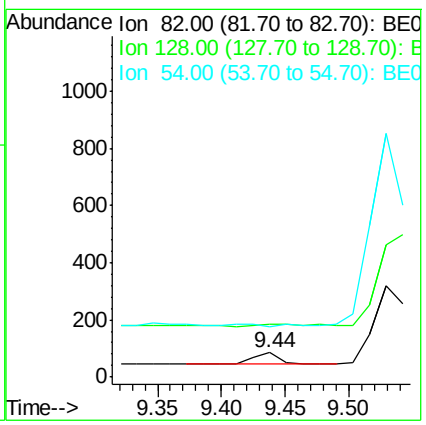


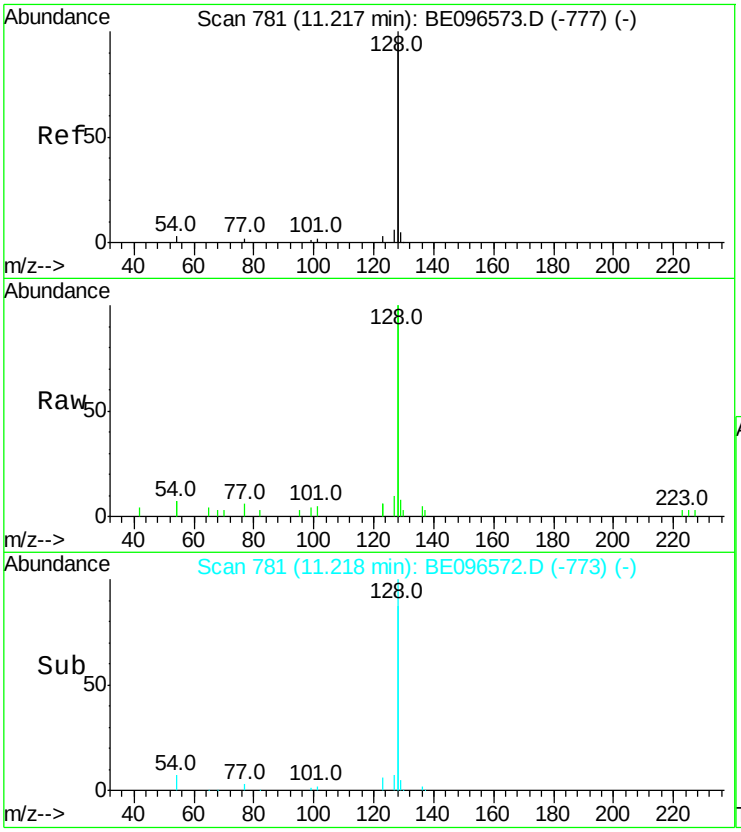


#8
Nitrobenzene-d5
Concen: 0.020 ng
RT: 9.44 min Scan# 644
Delta R.T. -0.09 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion: 82 Resp: 62

Ion	Ratio	Lower	Upper
82	100		
128	216.5	150.0	225.0
54	209.4	154.2	231.4



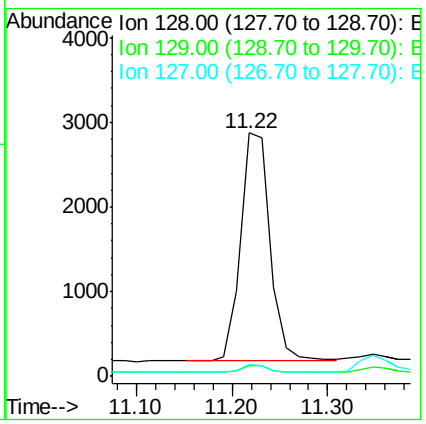


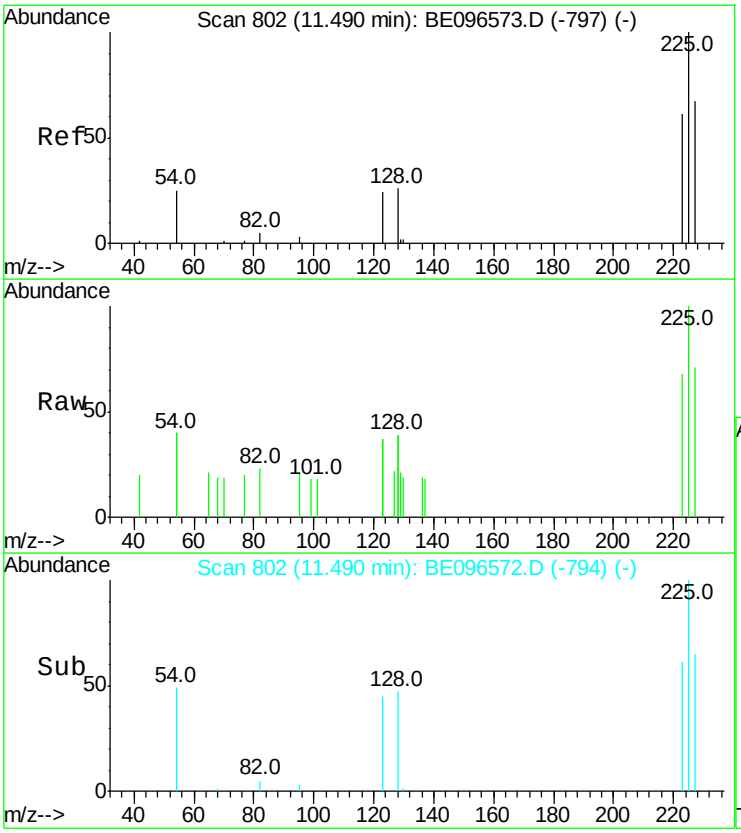
#9
Naphthalene
Concen: 0.208 ng
RT: 11.22 min Scan# 781
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 5745

Ion	Ratio	Lower	Upper
128	100		
129	4.2	2.6	3.8#
127	5.0	2.8	4.2#

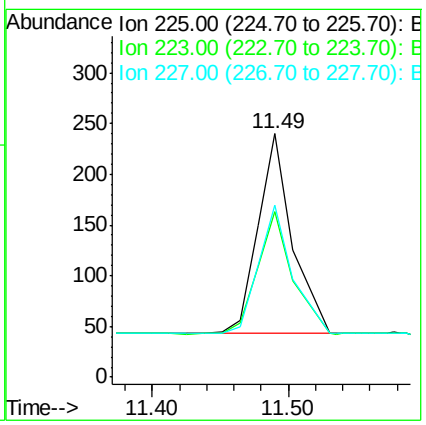


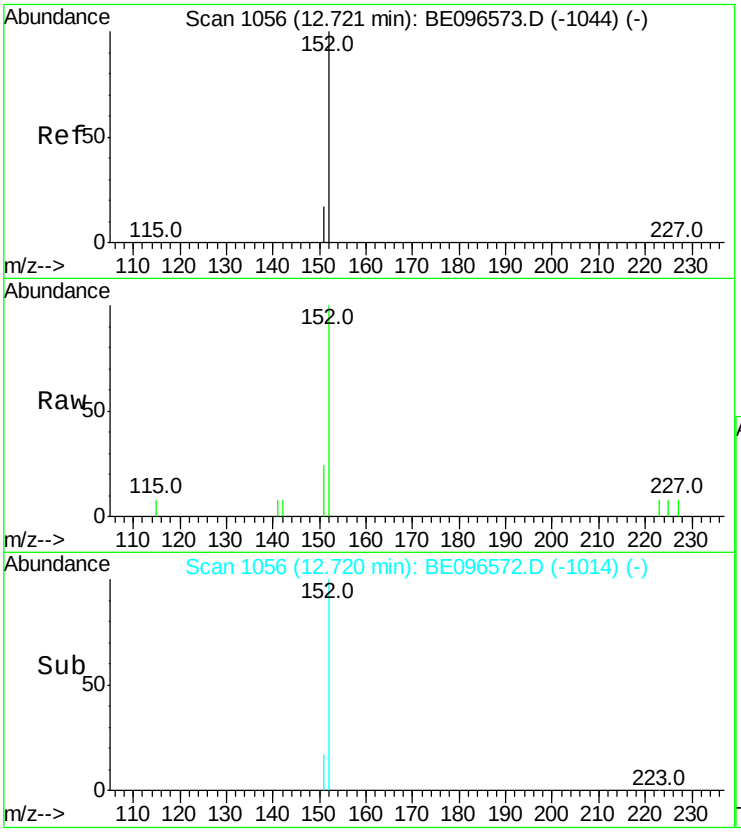


#10
Hexachlorobutadiene
Concen: 0.270 ng
RT: 11.49 min Scan# 802
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:225 Resp: 330

Ion	Ratio	Lower	Upper
225	100		
223	63.6	53.0	79.6
227	64.5	51.4	77.2



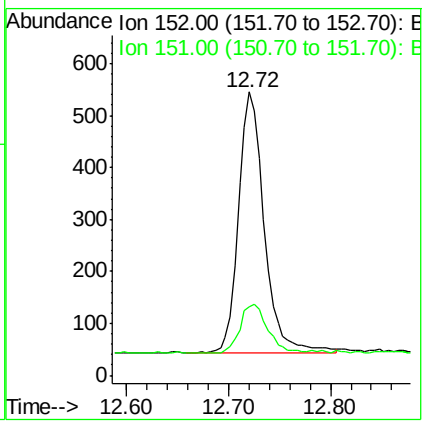


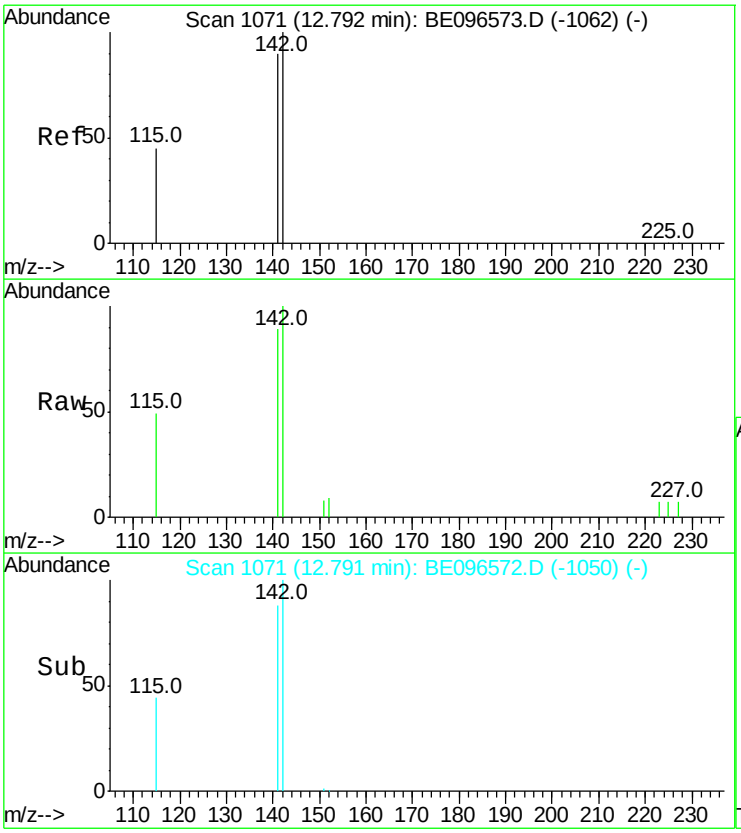
#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 887

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

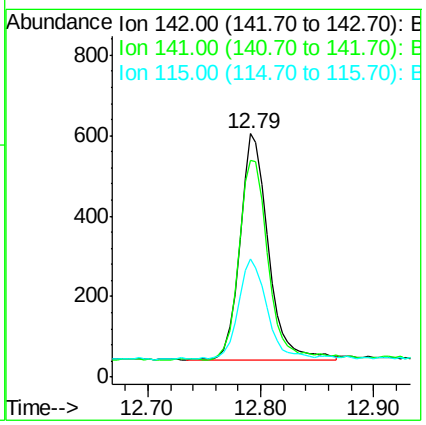


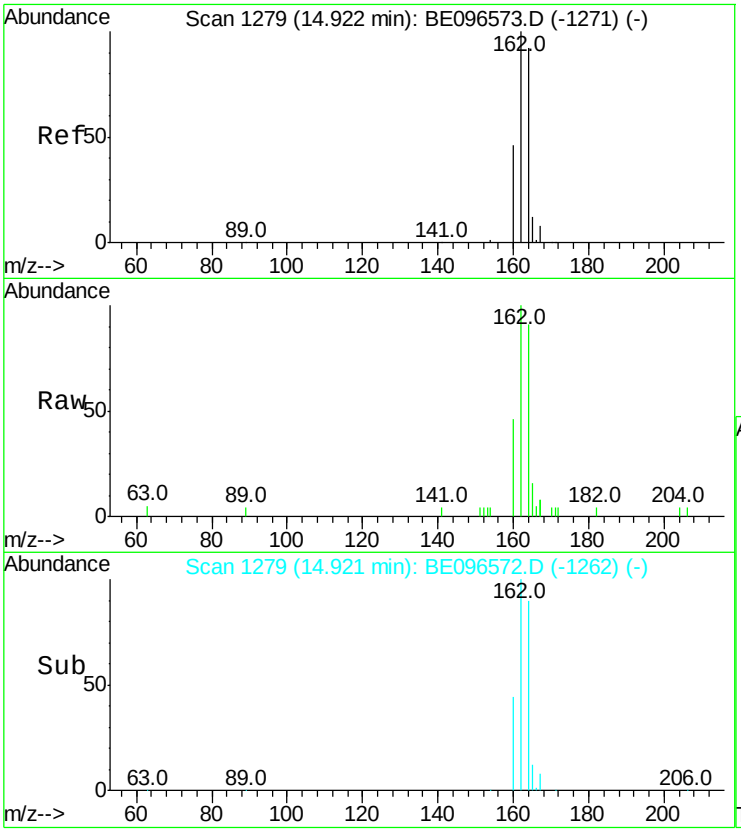


#12
2-Methylnaphthalene
Concen: 0.212 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:142 Resp: 968

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	48.8	31.7	47.5#



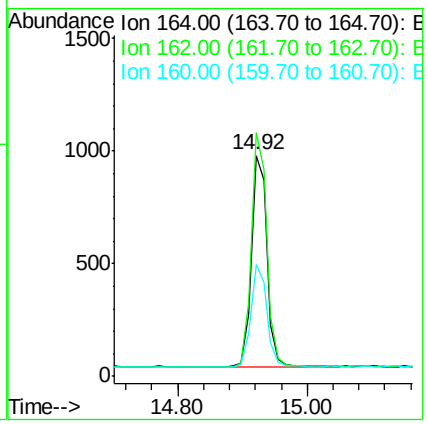


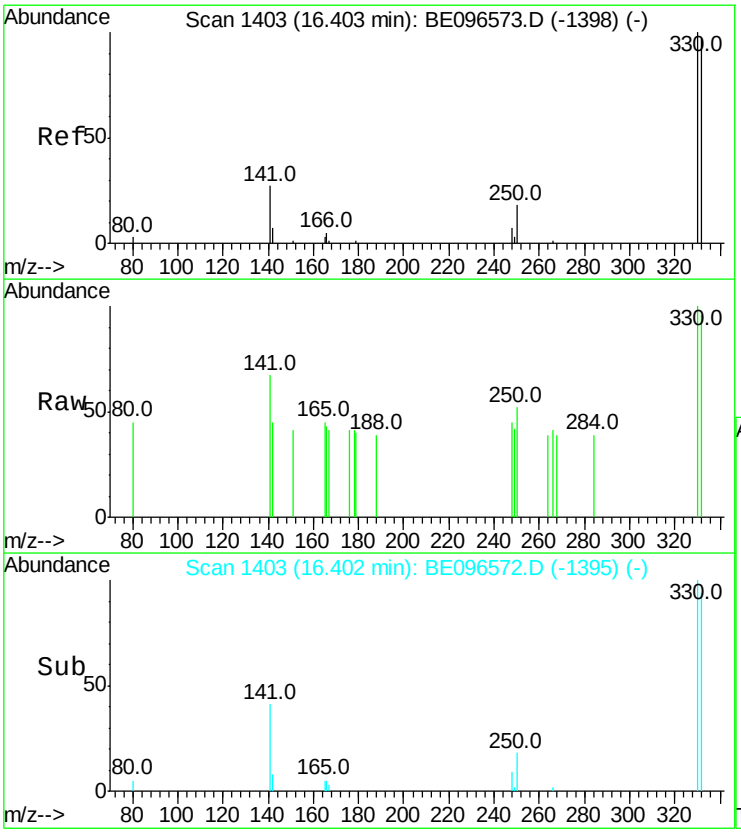
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 1568

Ion	Ratio	Lower	Upper
164	100		
162	110.2	83.1	124.7
160	50.9	37.1	55.7

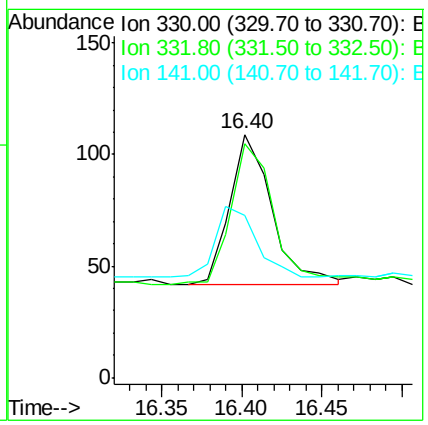


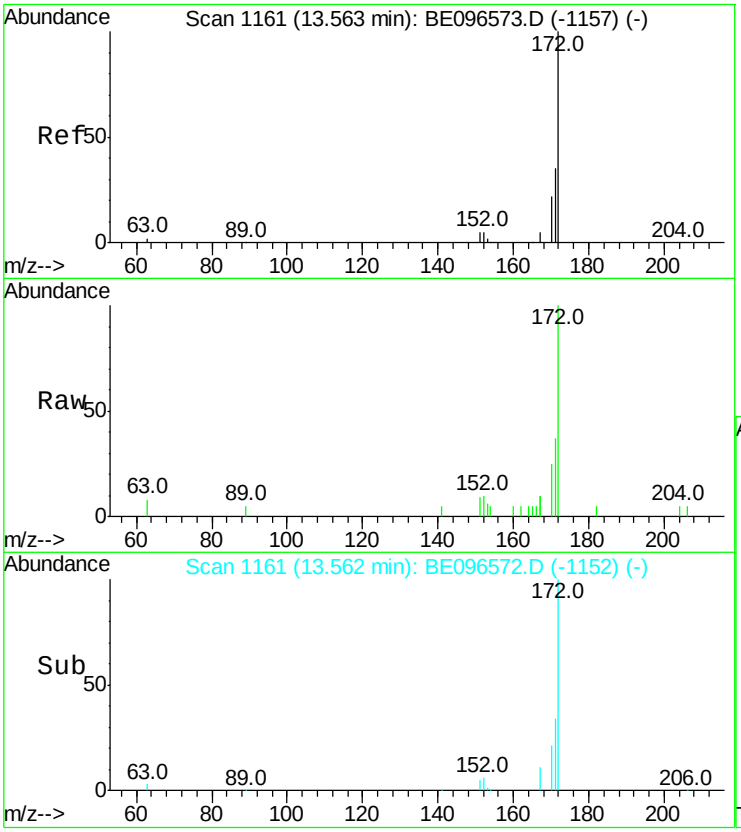


#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 16.40 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:330 Resp: 121

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	47.1	33.7	50.5



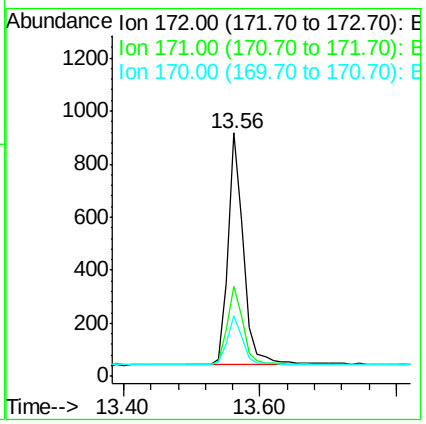


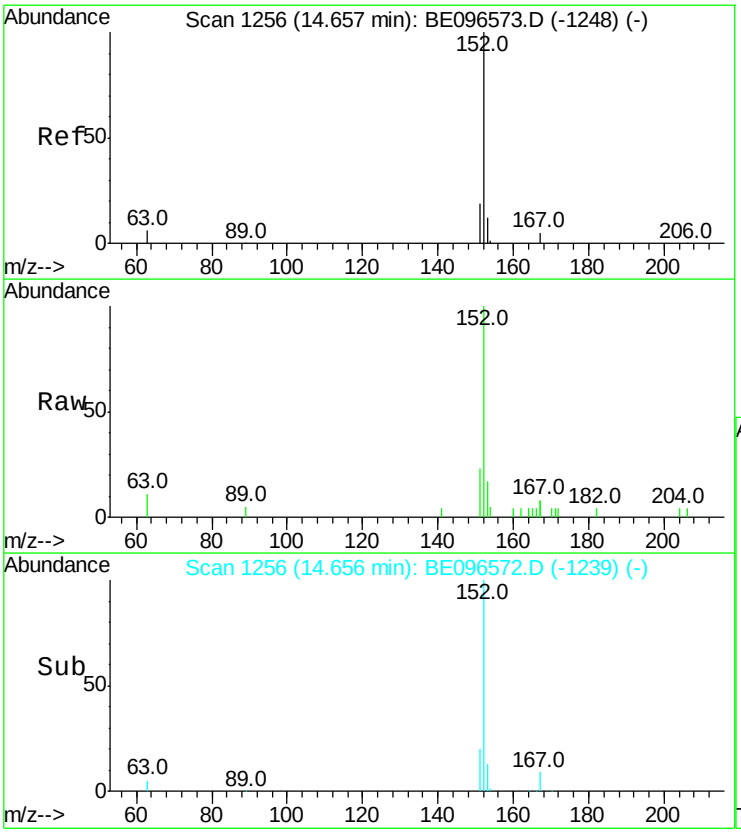
#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1407

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.7	21.8	32.8

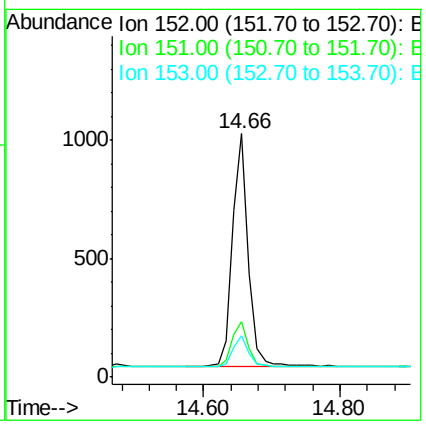


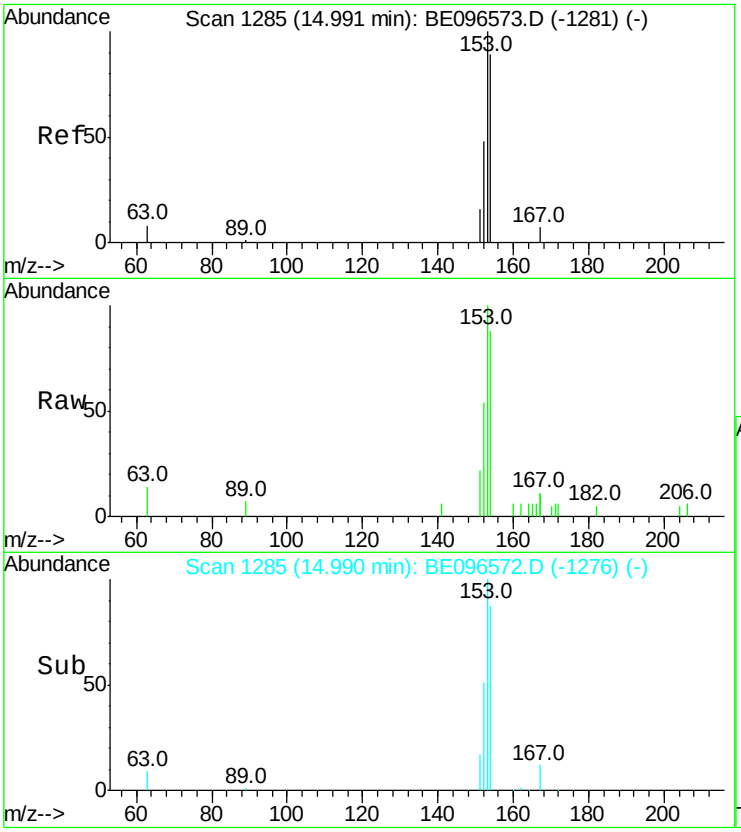


#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:152 Resp: 1603

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.3	10.5	15.7



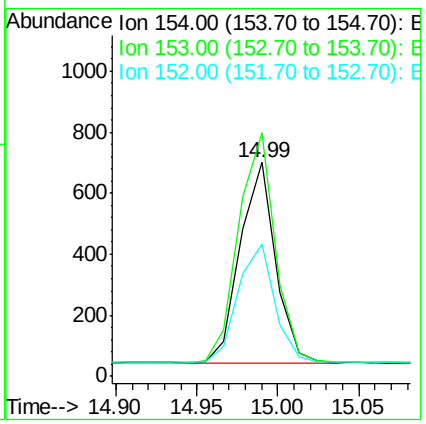


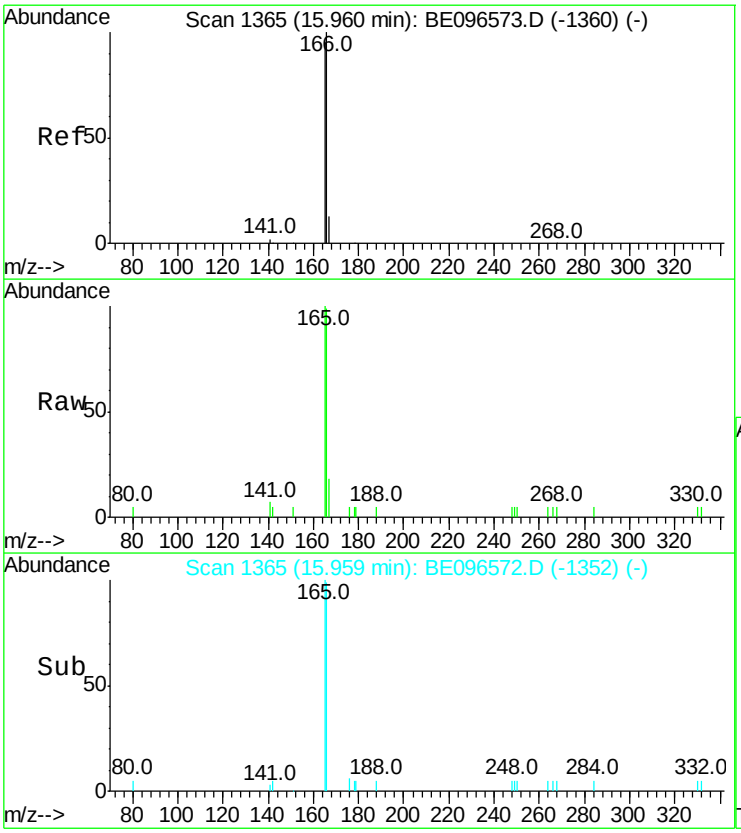
#17
Acenaphthene
Concen: 0.199 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1001

Ion	Ratio	Lower	Upper
154	100		
153	118.5	89.2	133.8
152	60.6	42.0	63.0

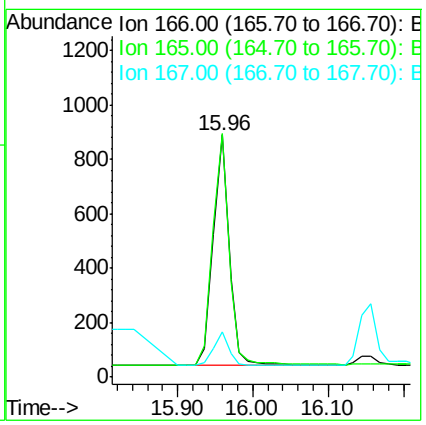


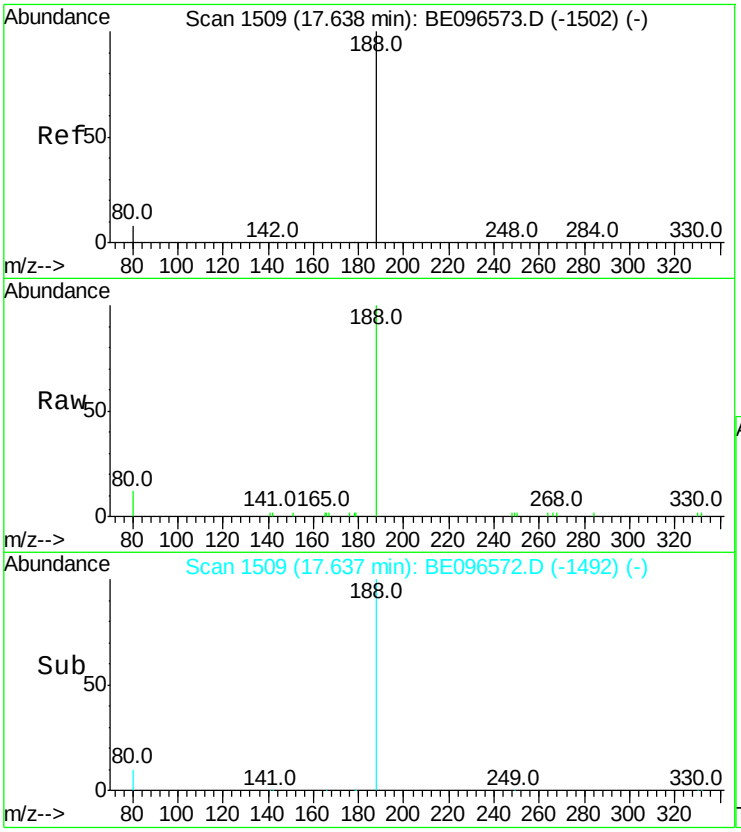


#18
Fluorene
Concen: 0.201 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:166 Resp: 1251

Ion	Ratio	Lower	Upper
166	100		
165	124.5	77.8	116.6#
167	13.3	42.4	63.6#



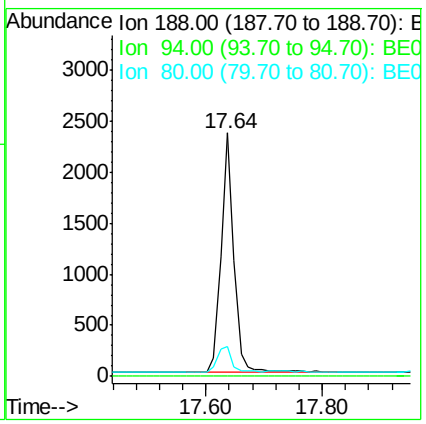


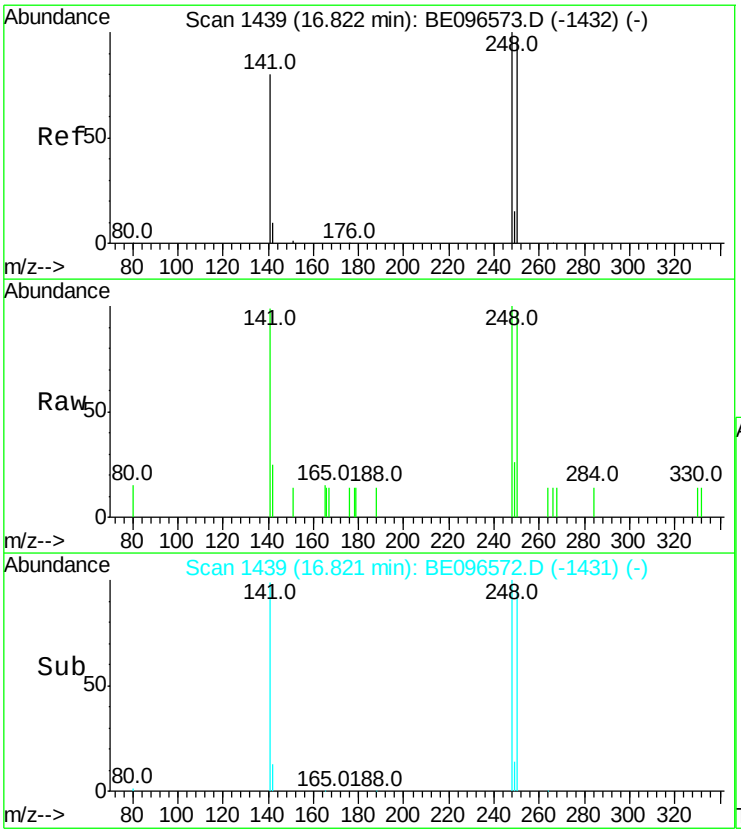
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 3531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.1	3.6	5.4#

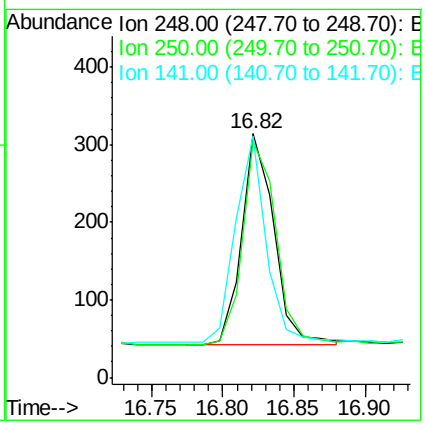


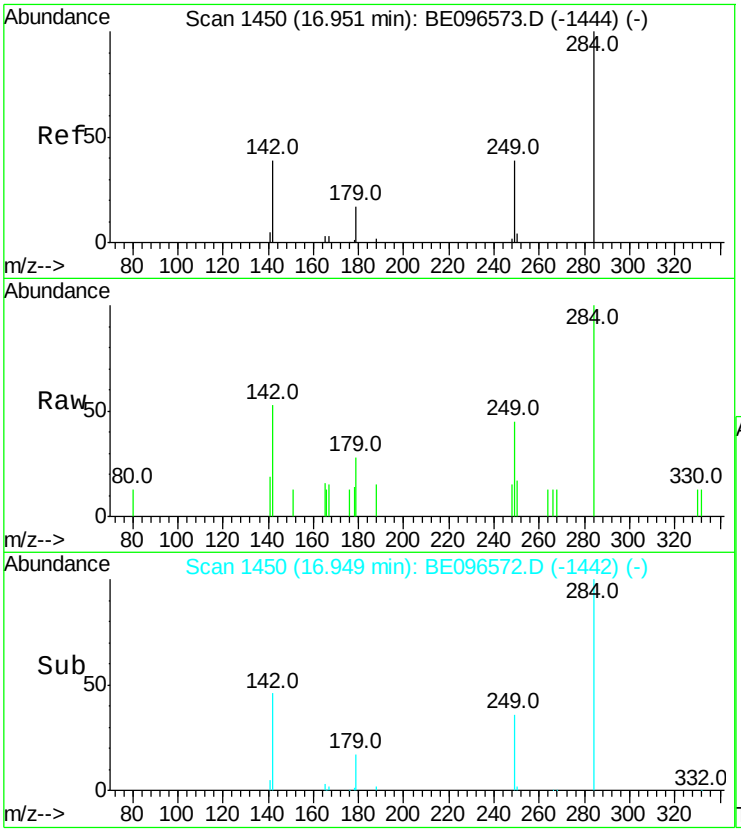


#20
4-Bromophenyl-phenylether
Concen: 0.203 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:248 Resp: 426

Ion	Ratio	Lower	Upper
248	100		
250	96.8	62.7	94.1#
141	99.0	48.2	72.2#



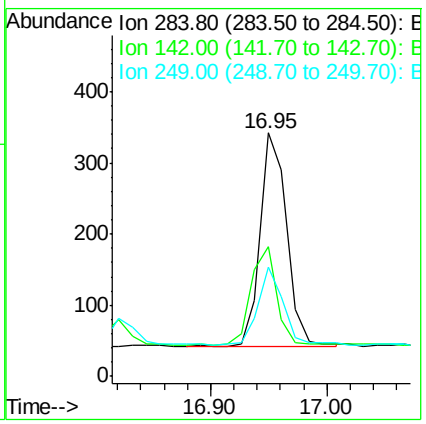


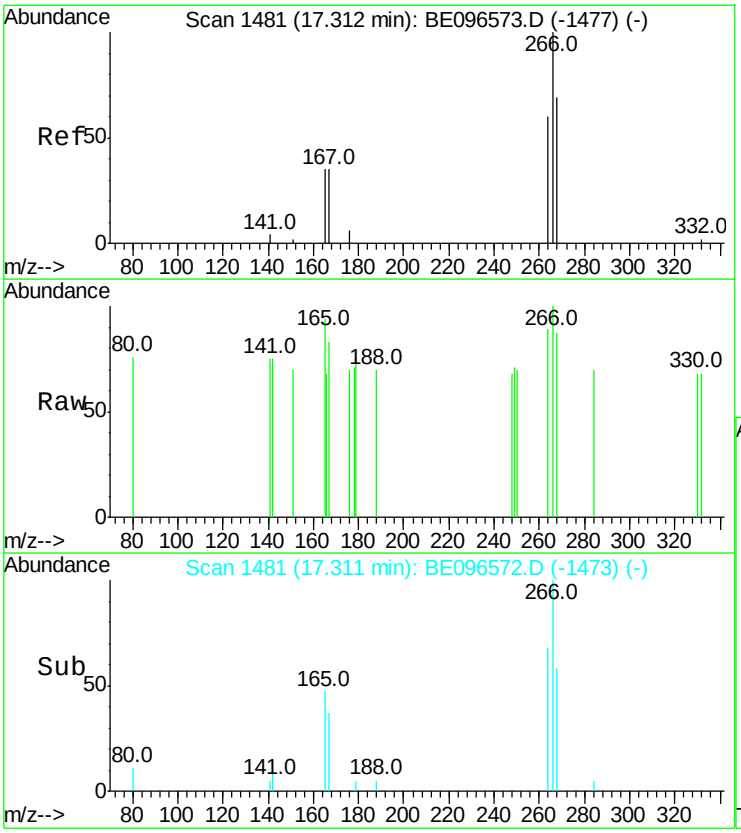
#21
Hexachlorobenzene
Concen: 0.227 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 475

Ion	Ratio	Lower	Upper
284	100		
142	45.5	22.1	33.1#
249	35.4	34.8	52.2

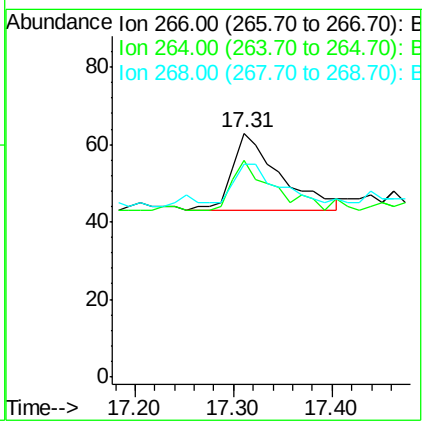


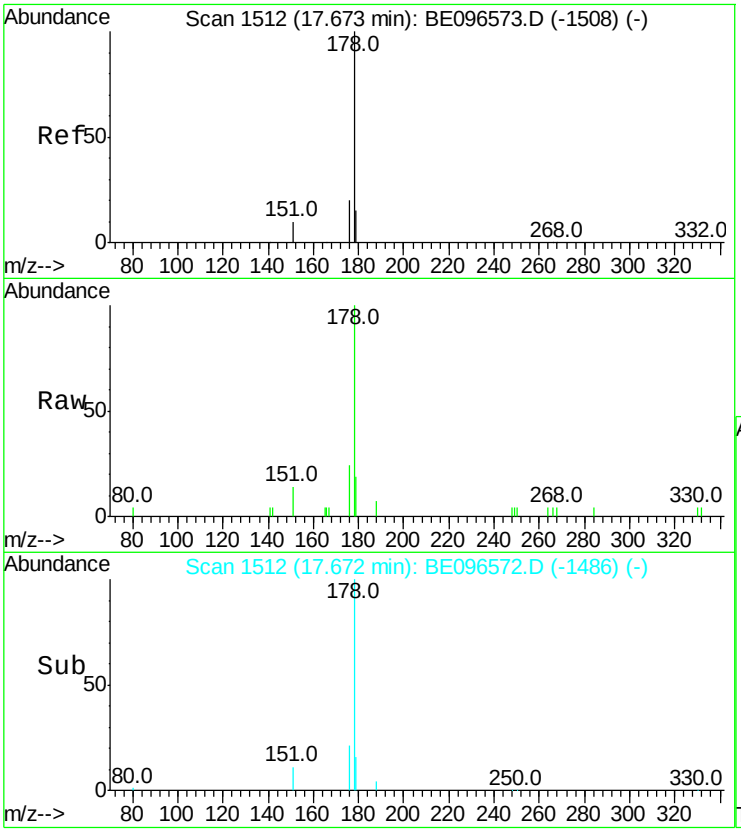


#22
Pentachlorophenol
Concen: 0.097 ng
RT: 17.31 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	88.9	72.5	108.7
268	87.3	73.8	110.6



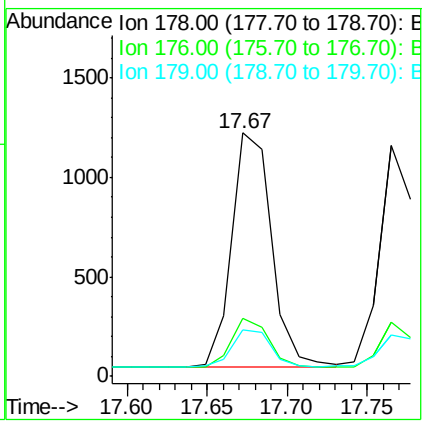


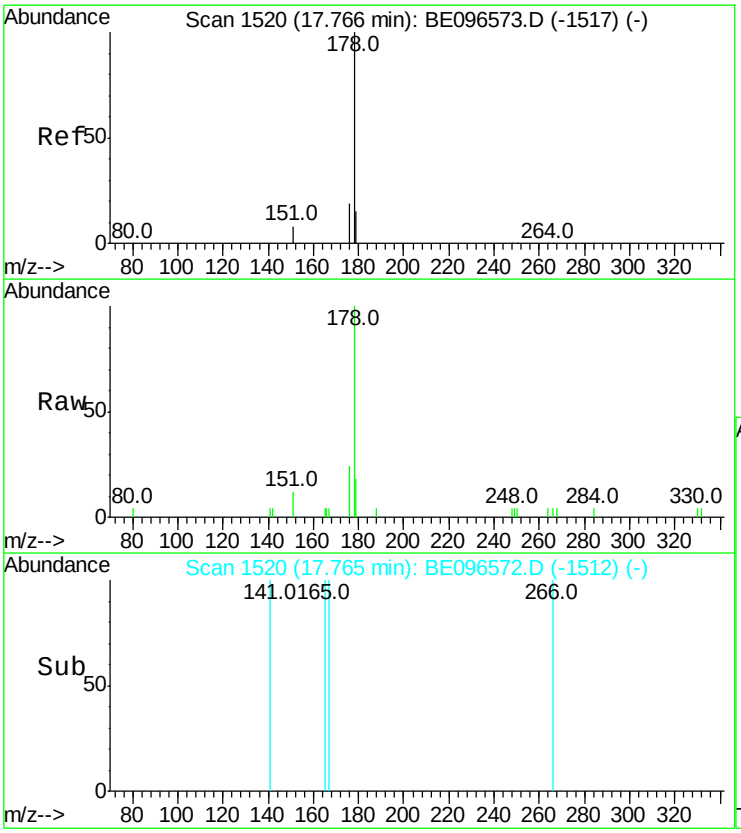
#23
Phenanthrene
Concen: 0.204 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2022

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.5	11.8	17.6

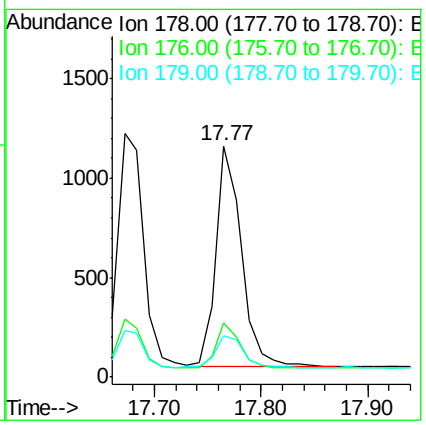


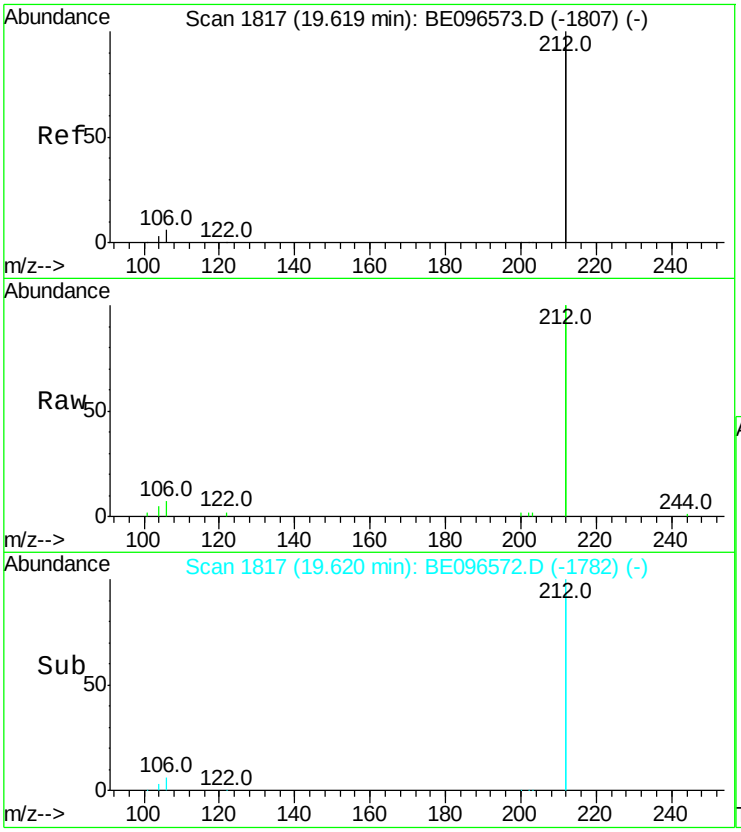


#24
Anthracene
Concen: 0.194 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:178 Resp: 1837

Ion	Ratio	Lower	Upper
178	100		
176	19.4	12.8	19.2#
179	15.5	13.0	19.6



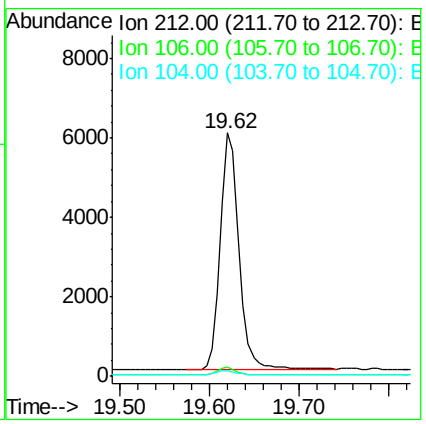


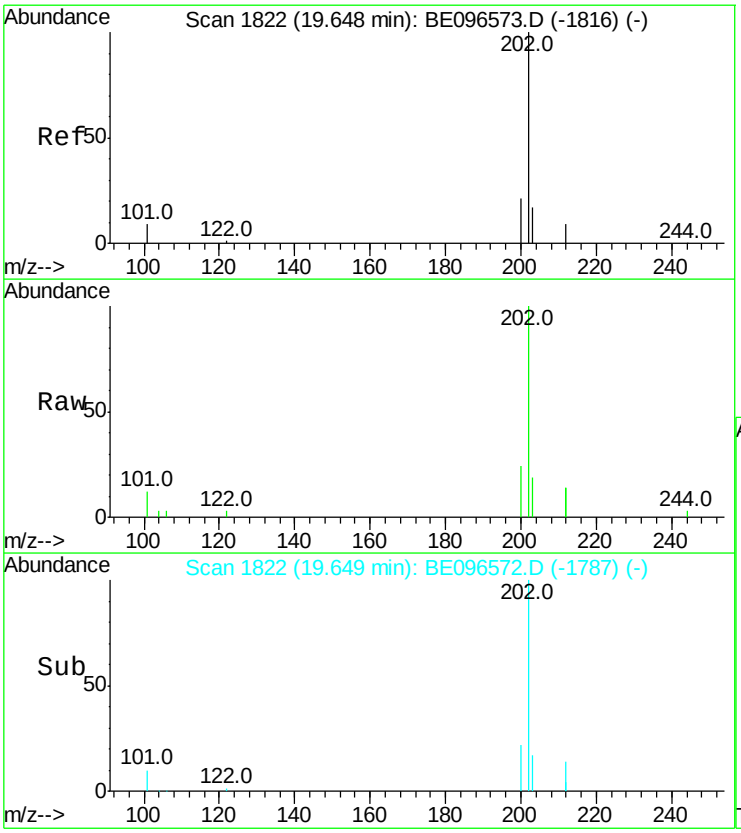
#25
Fluoranthene-d10
Concen: 0.180 ng
RT: 19.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 8641

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.8	4.2#
104	1.6	1.6	2.4

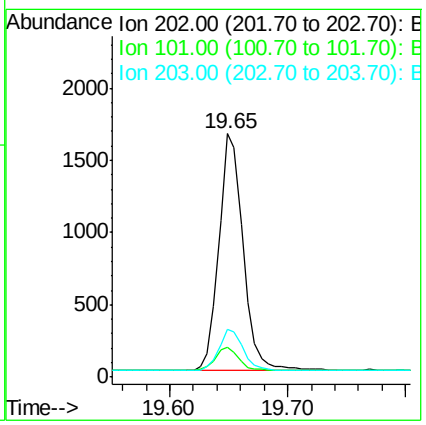


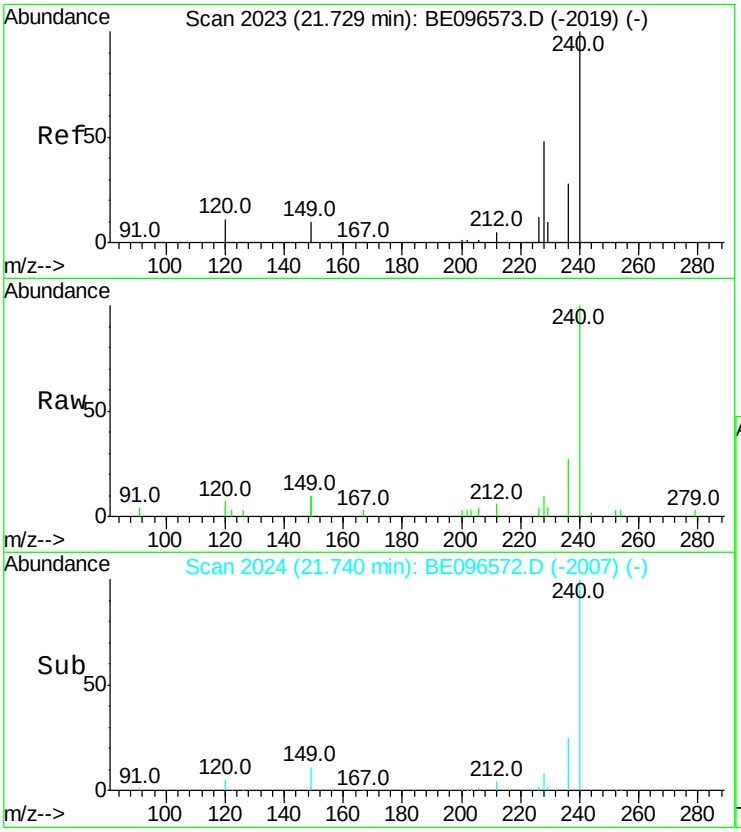


#26
Fluoranthene
Concen: 0.178 ng
RT: 19.65 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:202 Resp: 2319

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	16.9	13.7	20.5



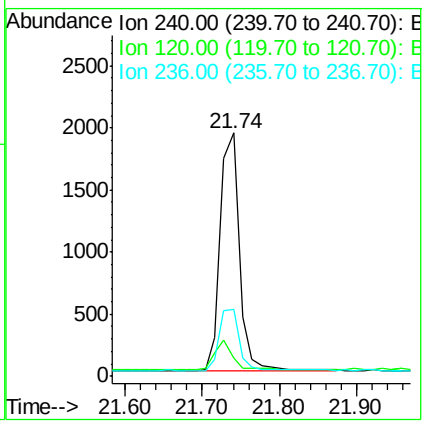


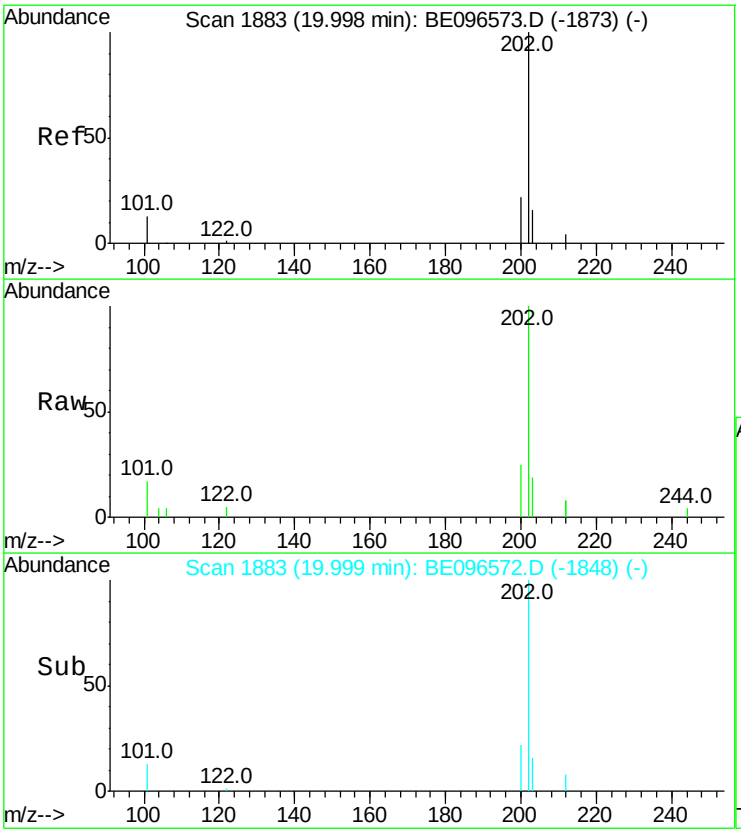
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 3337

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	27.3	20.7	31.1

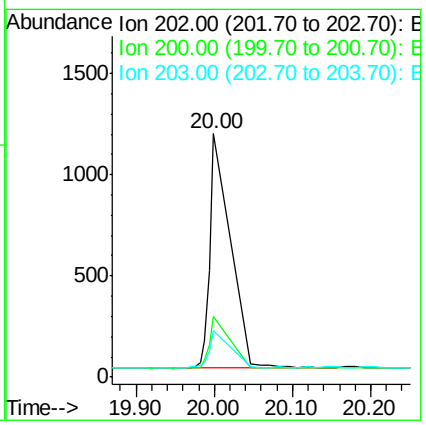


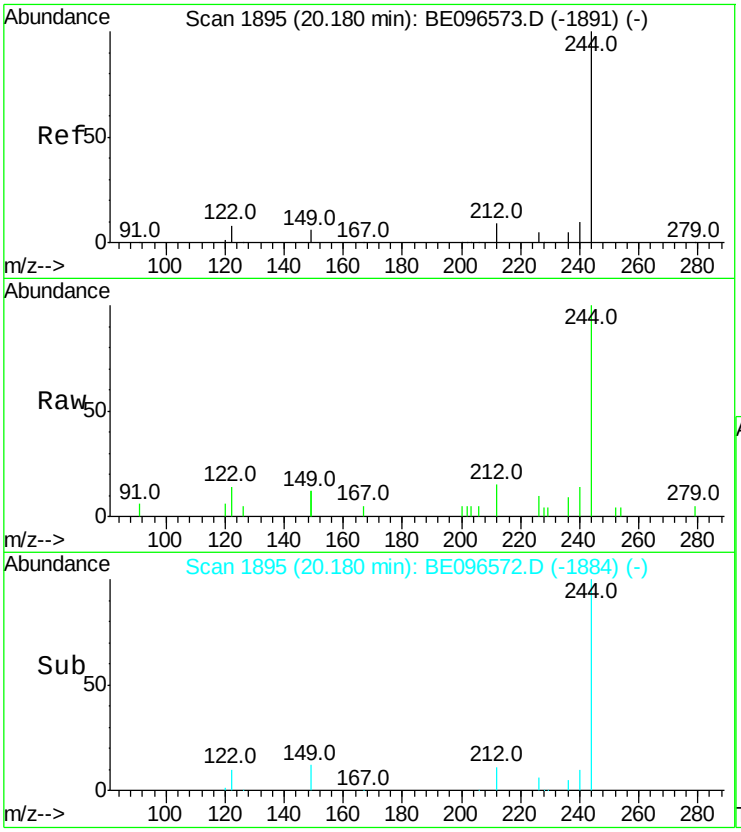


#28
Pyrene
Concen: 0.205 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:202 Resp: 1349

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.6	25.0
203	15.8	13.8	20.8



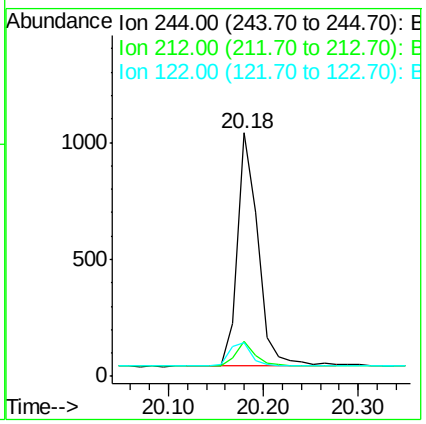


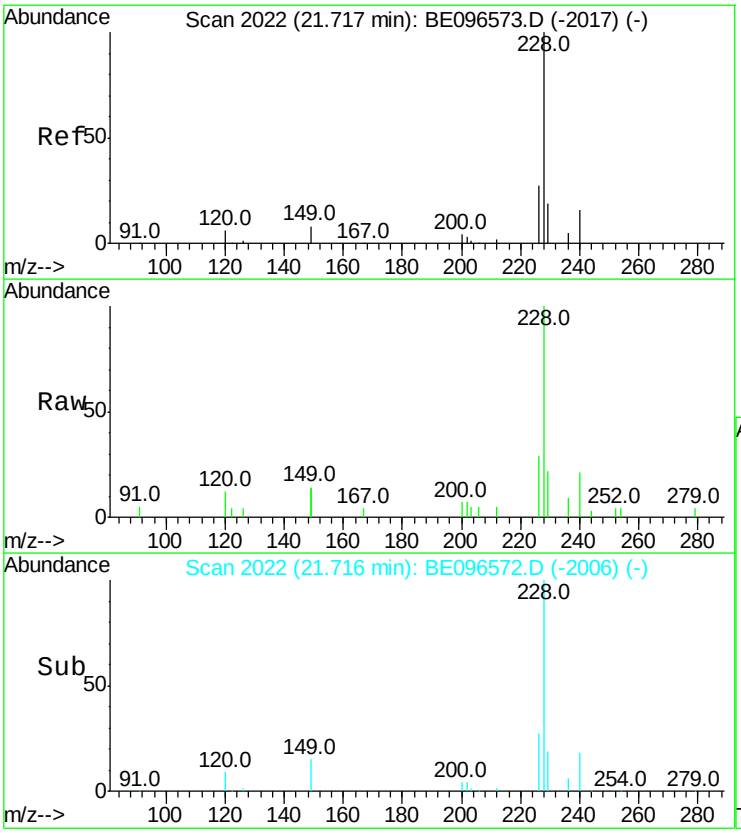
#29
Terphenyl-d14
Concen: 0.203 ng
RT: 20.18 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 1500

Ion	Ratio	Lower	Upper
244	100		
212	14.6	25.4	38.0#
122	13.6	8.1	12.1#

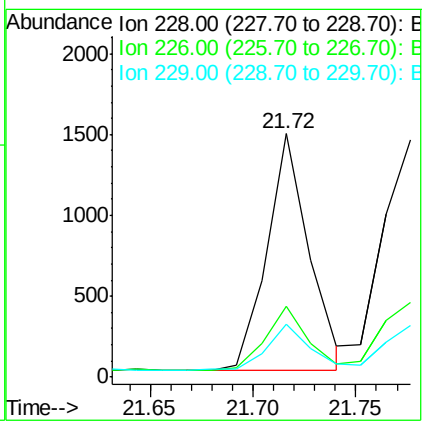


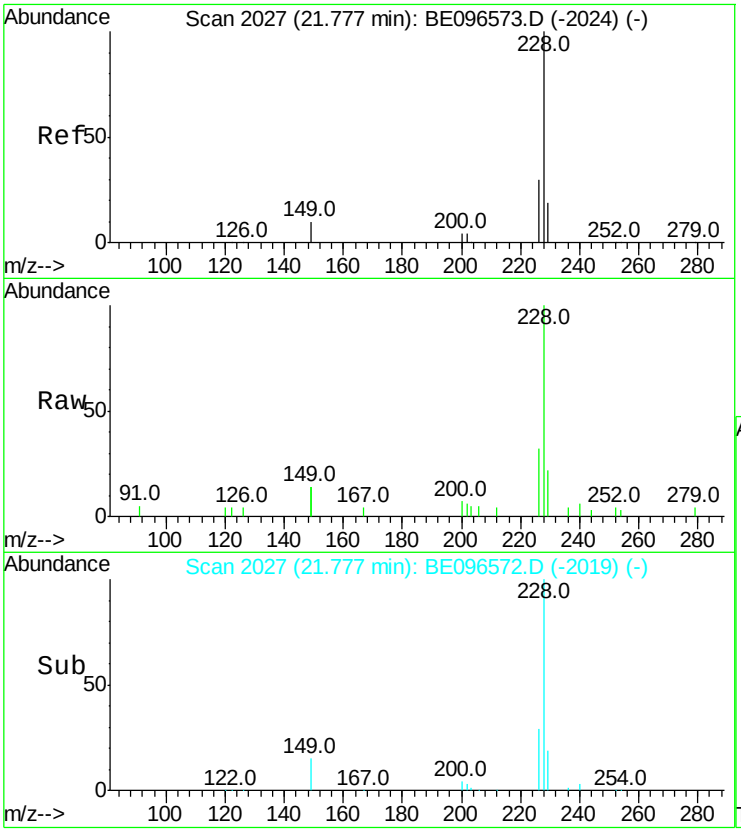


#30
Benzo(a)anthracene
Concen: 0.194 ng
RT: 21.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:228 Resp: 2074

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.9	16.0	24.0



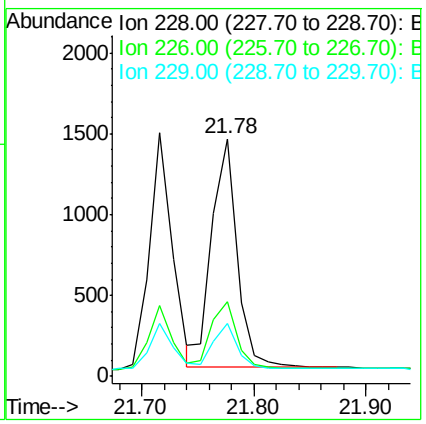


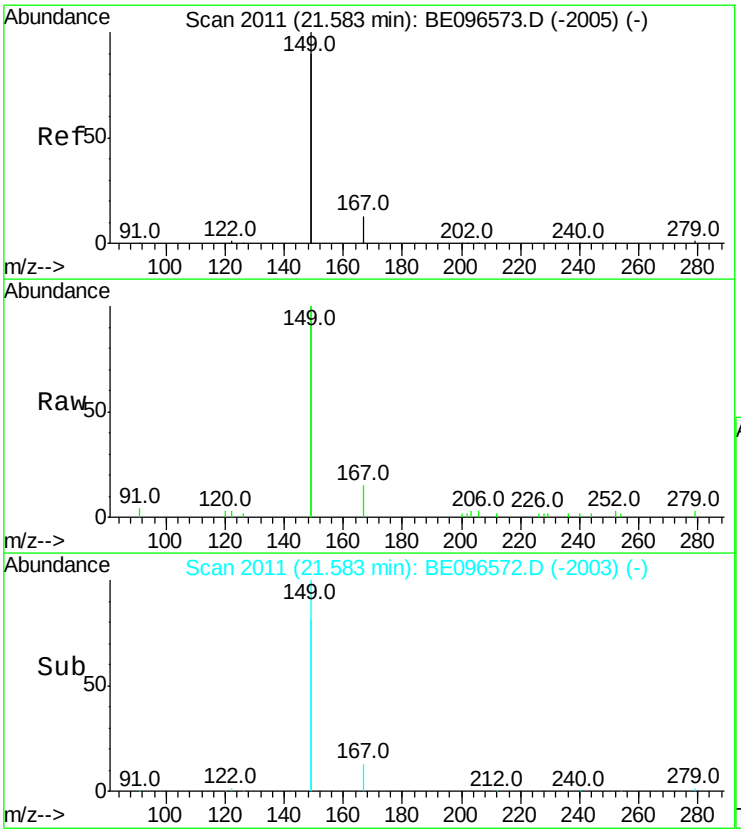
#31
Chrysene
Concen: 0.214 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 2211

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	22.1	16.0	24.0

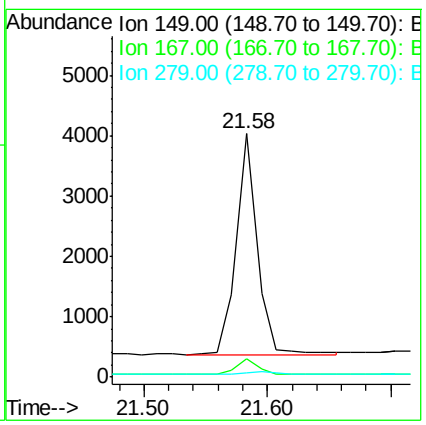


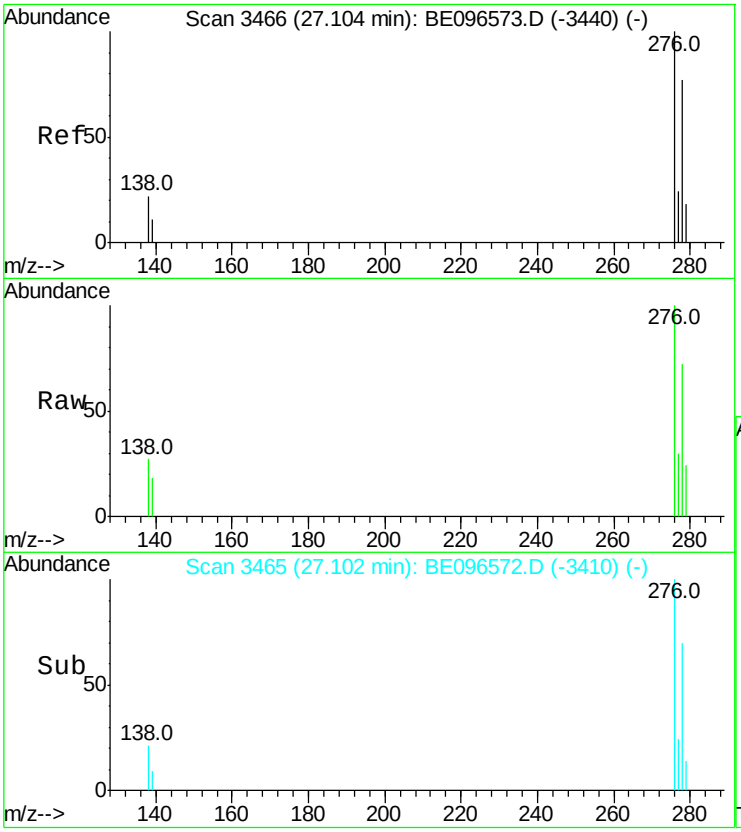


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.156 ng
RT: 21.58 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:149 Resp: 4313

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1#



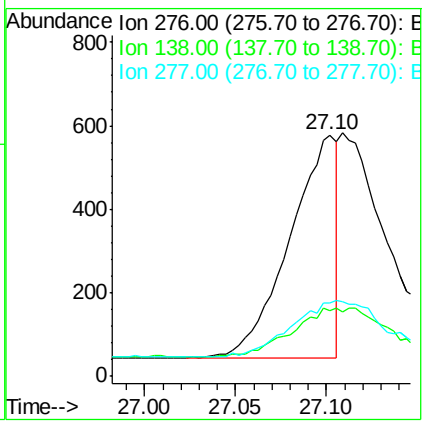


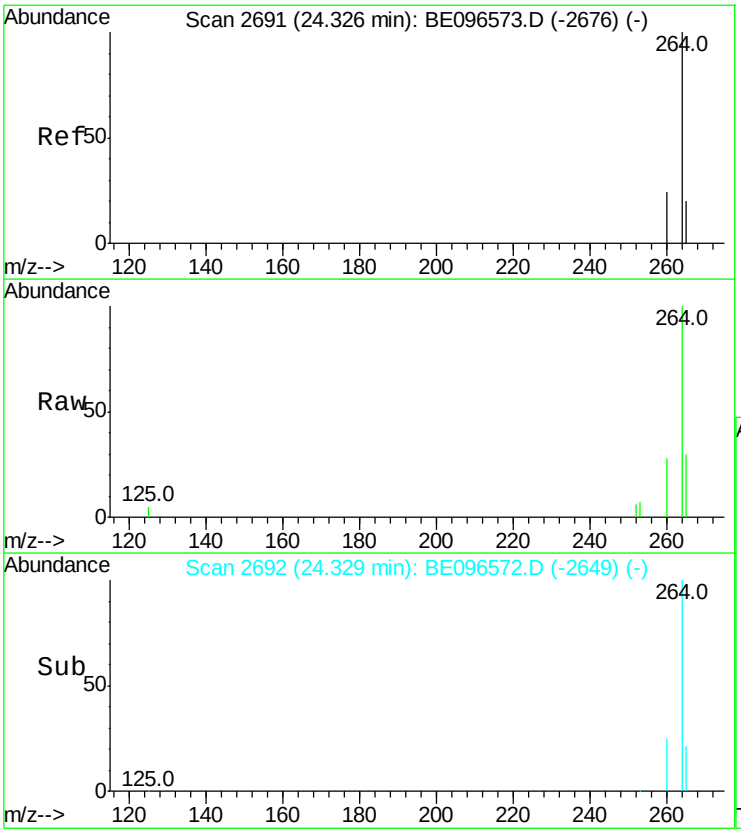
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng
RT: 27.10 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 960

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.5	33.7
277	52.0	19.9	29.9#

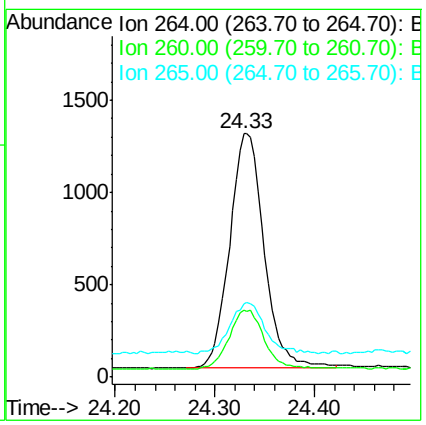


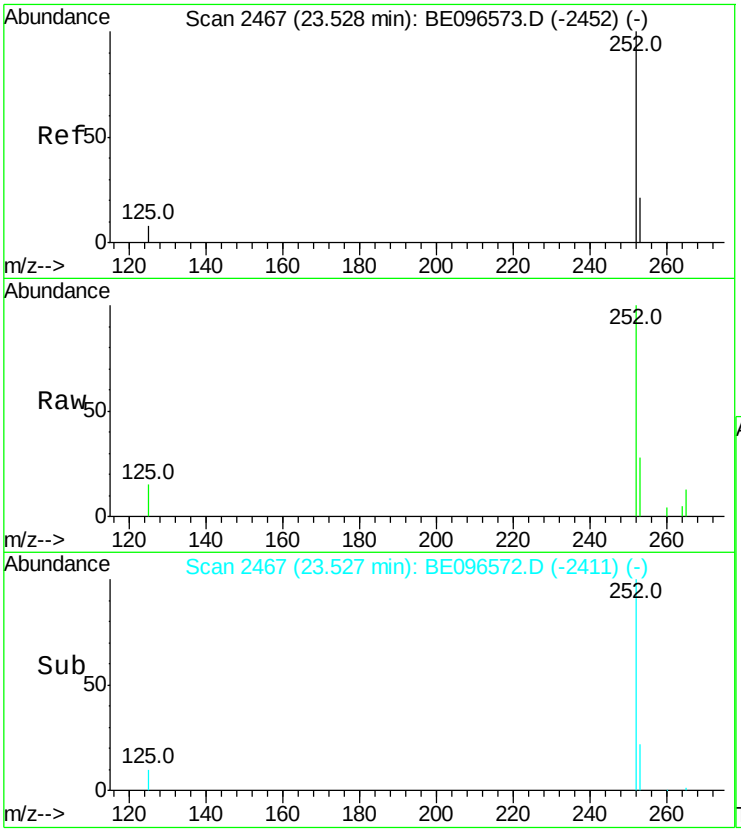


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:264 Resp: 3055

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.5	30.7
265	30.1	22.8	34.2



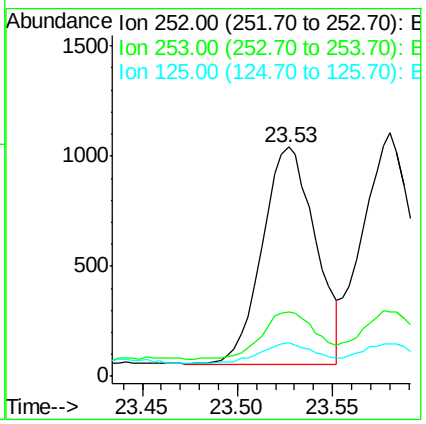


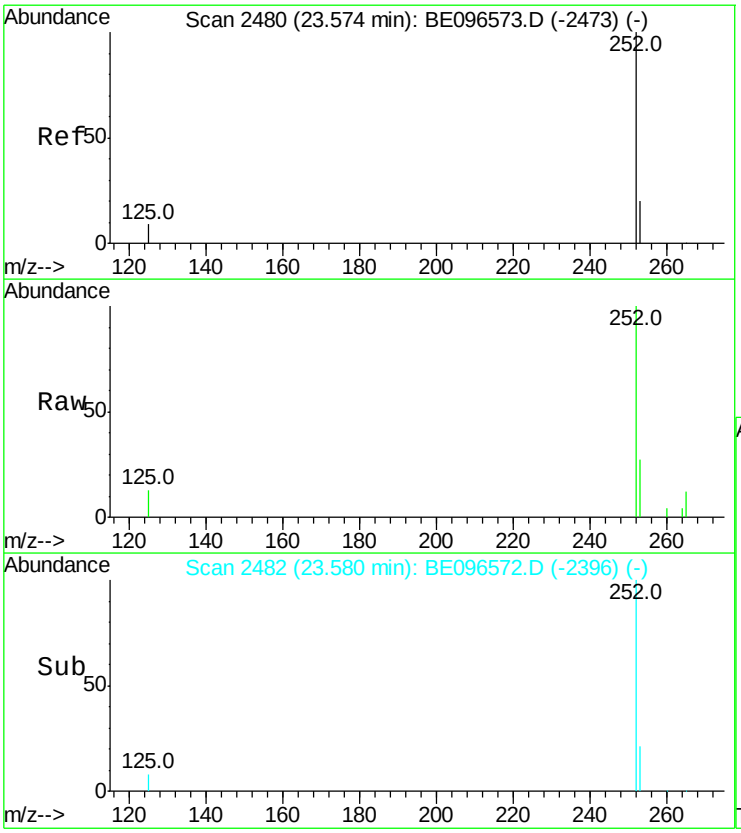
#35
Benzo(b)fluoranthene
Concen: 0.209 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1916

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.0	30.0
125	14.7	16.0	24.0#

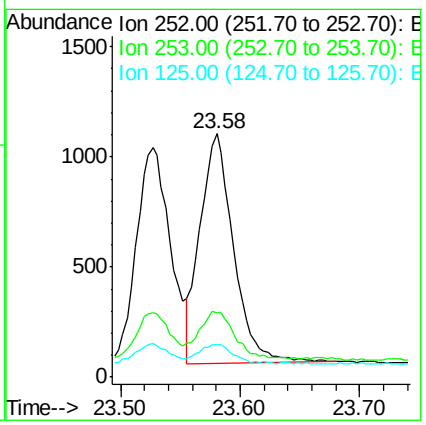


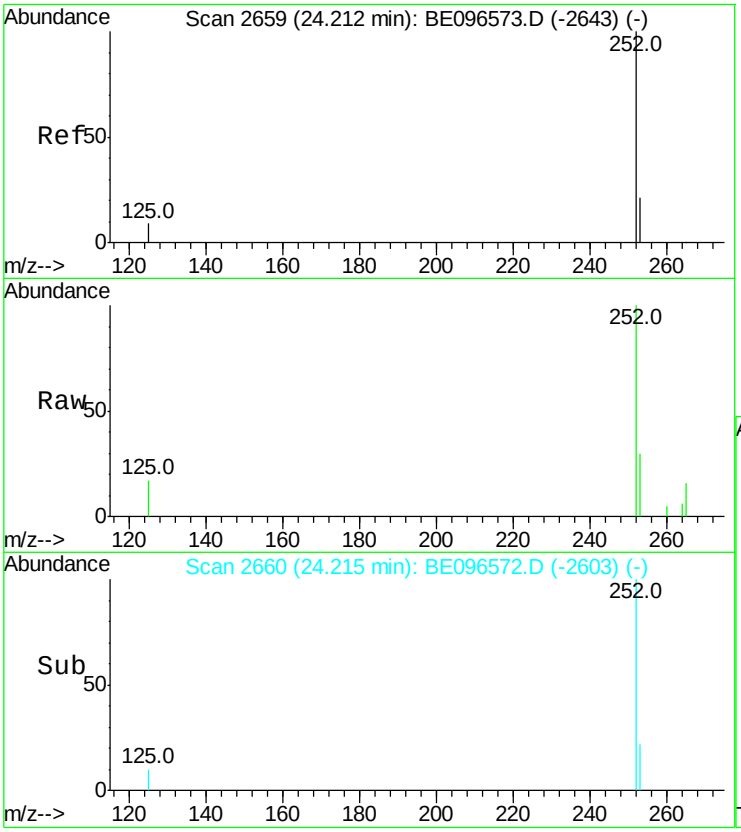


#36
Benzo(k)fluoranthene
Concen: 0.214 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:252 Resp: 2017

Ion	Ratio	Lower	Upper
252	100		
253	26.6	16.0	24.0#
125	13.2	8.0	12.0#



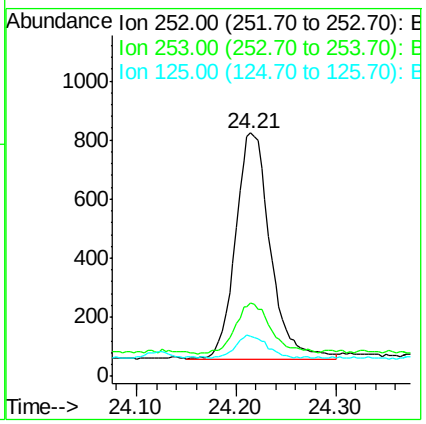


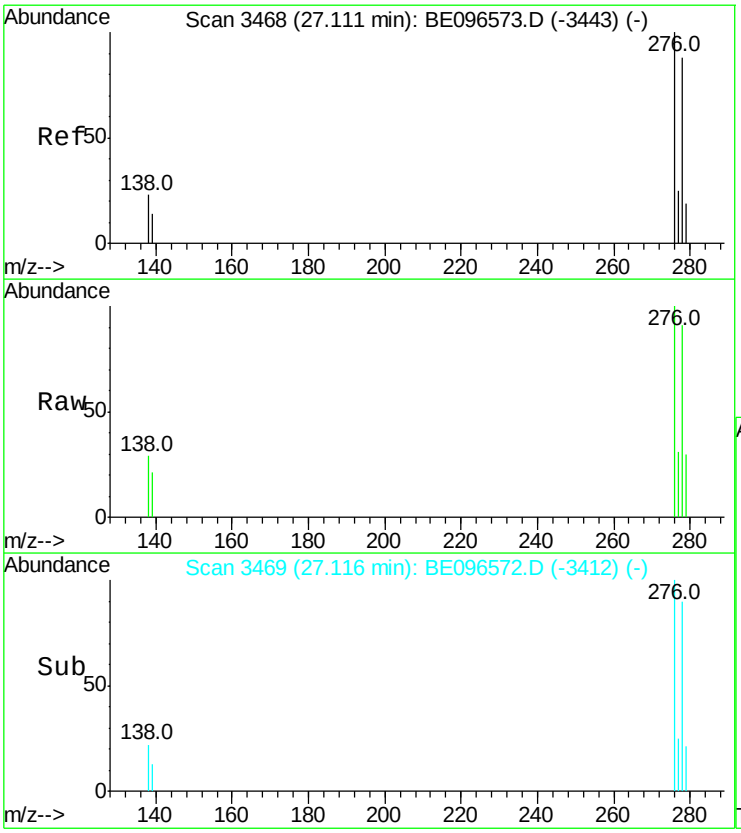
#37
Benzo(a)pyrene
Concen: 0.209 ng
RT: 24.21 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1844

Ion	Ratio	Lower	Upper
252	100		
253	30.1	16.0	24.0#
125	16.6	12.0	18.0

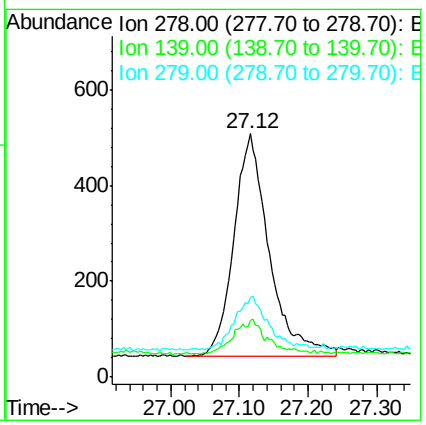


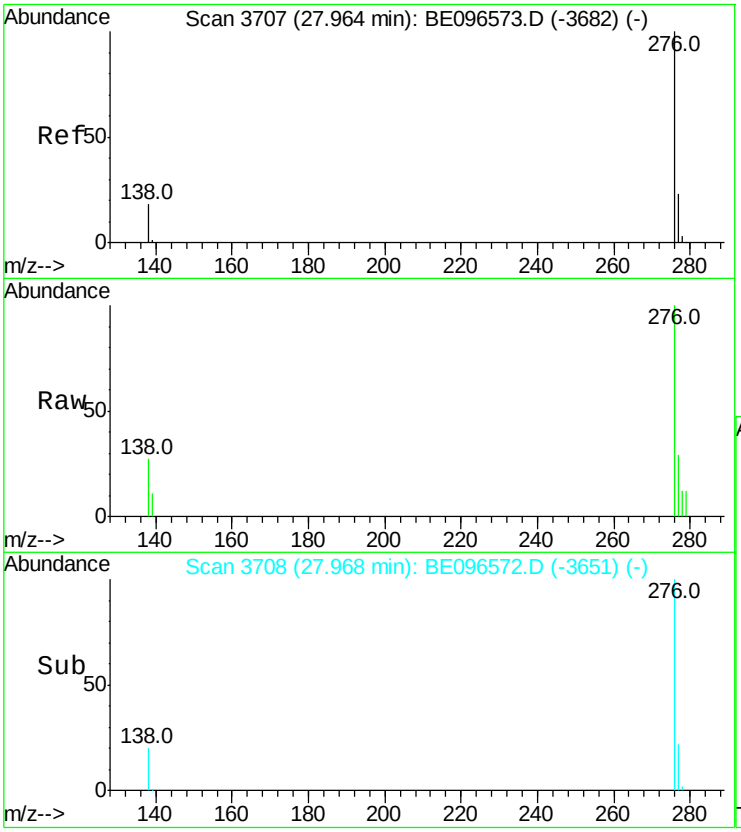


#38
Dibenzo(a,h)anthracene
Concen: 0.215 ng
RT: 27.12 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:278 Resp: 1672

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.0	24.0
279	32.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.216 ng
RT: 27.97 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 1773

Ion	Ratio	Lower	Upper
276	100		
277	29.3	16.0	24.0#
138	27.4	20.0	30.0